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Lancaster Farming

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Congress passes Farm Bill; Reagan expected to sign

BY JAMES H. EVERHART

WASHINGTON — After months of controversy, drama and intrigue, the 1985 Farm Bill needs only the signature of President Ronald Reagan to become law.

A compromise version of the landmark legislation was approved by the House and Senate Wednesday. A conference committee had labored eight tension-filled days to iron out the differences between the House and Senate versions of the bill.

In a related development, the House and Senate also approved the Farm Credit aid package, and sent the measure to the President for his signature. The bill sets up a new government body to absorb billions of dollars of the system's delinquent loans.

Although the Farm Bill is at least $2 billion over the Administration's three-year spending goals, the president will sign it and the Farm Credit package, according to USDA Secretary John Block.

"I am pleased to announce that the president intends to sign the Farm Bill and the Farm Credit legislation early next week," Block said in a press conference Thursday.

The bill, he said, "has some very good policy in it," and he commended the Congress for coming up with a bill the President could sign. And though he indicated the legislation is "not a perfect Farm Bill," it was, he said, "the best possible product that the Administration and Congress could achieve, considering the depressed economic condition in agriculture."

The Farm Bill reflects much of the Reagan Administration's basic approach to farm policy, although the package differs markedly from the proposal it sent to Capitol Hill last spring.

The bill, for instance, contains significant reductions in price and income supports, which the Administration advanced as a method of making U.S. agriculture more competitive in world markets.

The measure also removed a dairy diversion plan similar to the 15-month program in place until March of this year. The House had included a diversion plan in its version of the Farm Bill, but settled on a whole-herd buyout plan as a compromise

The Reagan Administration had singled out dairy diversion as one provision it would not accept in the final package. Nevertheless, the concept had advanced through

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Holiday deadlines

The office of Lancaster Farming will be closed in observance of the Christmas and New Year's Day holidays.

Advertisers and news sources are asked to meet the following deadlines for the Dec. 28 and Jan. 4 issues: Mailbox Market and public sale ads, Monday at 5 p.m.; General news, Classified Section B and display ads, Tuesday noon; all other classified, 9 a.m. Thursday; and late-breaking news, noon Thursday.

Materials for Lancaster Farming's special Farm Show issue, to be published Jan. 11, should also be received at the Lancaster Farming office as soon as possible. Ad deadlines are Friday, Dec. 27, and the news deadline is Monday, Jan. 6.

Wednesday's leaf averages $1.16

Tobacco auction gains momentum

BY JACK HUBLEY

INTERCOURSE — "No Smoking" signs were conspicuously absent at Martin Auctioneers' sale barn in Intercourse on Monday, where the Pennsylvania Tobacco Auction, Inc., conducted the state's first tobacco auction in four decades.

A full house of growers watched as North Carolina tobacco auctioneer Mitch Ashby threaded his way down the long rows of neatly baled tobacco, taking bids from the train of buyers following on the opposite side of the rows.

Monday's sale average for the 295,000 pounds sold was $1.09 per pound across all grades, according to PTA's manager, Eric Probst. Prices for "tops" and "middles"—the better grades—ranged from $1.10 to $1.15 a pound. "Bottoms" sold for 80 cents to $1.02, with "outgrade" tobacco selling for 35 to 50 cents a pound, Probst said.

"I predict the market's going to go higher," said Columbia grower B.C. Brubaker. If the farmers stick with this thing, they'll get their price at the auction."

Monday's prices for the better tobacco were about in line with what buyers were paying on the farm so far this season, said buyer Joe Irving of Ideal Leaf in Lancaster. "The companies can't afford to put more in this tobacco than they can afford to pay on the farm," he said.

Many growers speculated, though, that news of the upcoming auction had prompted buyers to seek private-treaty sales more vigorously in recent weeks, resulting in higher-than-normal on-farm prices.

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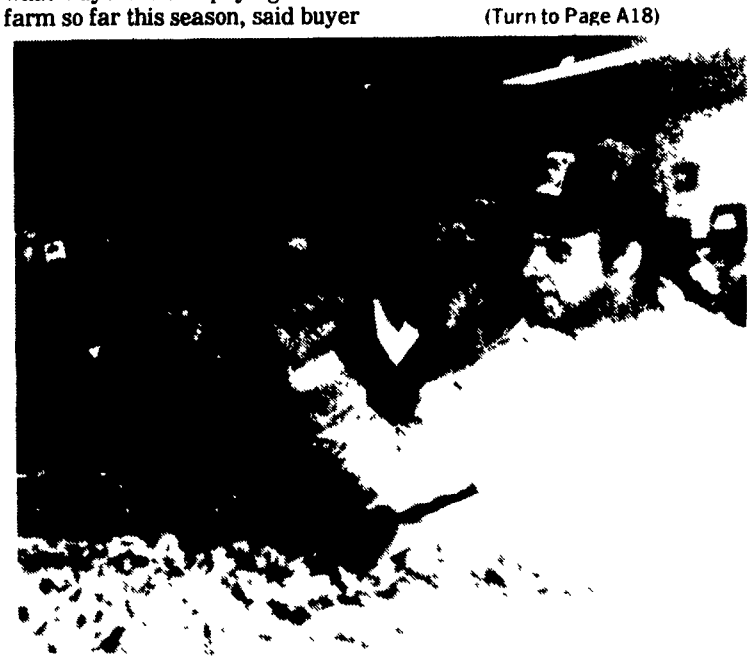

A line of tobacco buyers give the first-up, "even money" sign at Monday's tobacco auction.

A look into ag's future

Farm Journal staff economist John Marten consulted his crystal ball at the 12th Annual Mid-Atlantic No-Till Conference in Maryland on Wednesday.

For a preview of agriculture in 1986 turn to page A.

from Lancaster Farming!

Livestock market and auction news

Lancaster Market

Monday, Dec. 16
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	1406	125	650	908	281
Last Monday	1041	197	718	517	212
Last Year	919	134	1257	1898	
Monday's Auction	1201	168	577	1032	452
Last Monday's Auction	929	204	692	521	231

CATTLE: Compared to last Monday slaughter steers uneven, few high Choice and Prime firm to .50 higher, Good to average Choice weak to 1.00 lower; slaughter heifers weak to .50 lower; cows firm to 1.00 higher; bullocks scarce; bulls weak to 1.00 lower. Supply included 53% slaughter steers, 21% slaughter heifers, 16% cows, and 10% bulls.

SLAUGHTER STEERS: Few high Choice and Prime 2-4 1225-1425 lb. 65.85-66.35, with about eight head 67.00-67.75; Choice 2-4 1100-1450 lb. 61.50-65.00, several 65.00-65.75; high Good and low Choice 2-3 1000-1275 lb. 58.00-62.00; Good 2-3 52.00-58.00; Good and Choice 1300-1550 lb. Holsteins 42.50-46.50, few Choice 46.50-49.25, Standard and low Good 1050-1250 lb. 37.25-40.75.

SLAUGHTER HEIFERS: Few high Choice and Prime 2-4 1075-1225 lb. 63.50-64.00; load mostly Choice 3 1325-1550 lb. 60.00-62.50, couple Prime 3 63.50-66.00; Choice 2-3 few 4 900-1175 lb. 59.75-62.50, few 62.50-63.50; Good 2-3 875-1100 lb. 53.00-58.00.

COWS: Breaking Utility and Commercial 2-4 37.50-39.50; Good 2-3 875-1100 lb. 53.00-58.00. Boning Utility 1-3 34.00-37.50, few 37.50-38.50; Canner and low Cutter 32.00-35.00, few 30.00-32.00.

BULLOCKS: Few Good 1-2 1050-1350 lb. 48.00-53.50, individual 1235 lb. 57.75.

BULLS: Yield grade 1 1300-1900 lb. 46.75-51.00, couple 1410-1440 lb. 55.00-58.00; yield grade 2 1000-1500 lb. 44.00-48.50, several 900-1100 lb. 39.00-44.00.

VEAL CALVES: Vealers 10.00-15.00 lower; slaughter calves 5.00-10.00 lower. Demand for for Holstein bulls to return to farm. Supply included 14 head Prime special fed 320-360 lb. vealers bought to arrive at 125.00.

VEALERS: Few high Choice and Prime 225-325 lb. 80.00-90.00; Choice 150-300 lb. 70.00-80.00; high Good and low Choice 160-300 lb. 60.00-70.00, 120-160 lb. 50.00-65.00, 80-110 lb. 35.00-50.00.

SLAUGHTER CALVES: Good and Choice 280-450 lb. 45.00-55.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 70.00-80.00.

SHEEP: Compared to last Monday wooled lambs firm to 5.00 higher, supply included 20-60 lb. new crop lambs sold to the holiday trade; slaughter ewes steady to 5.00 higher.

WOOLED LAMBS: Prime 90-110 lb. 70.00-75.00; Choice and Prime 80-105 lb. 68.00-70.00; Good to low Choice 80-105 lb. 65.00-68.00, several 60-80 lb. 68.00-78.00.

NEW CROP LAMBS: Choice and Prime 20-30 lb. 200.00-230.00, 30-40 lb. 150.00-175.00; Good and Choice 20-50 lb. 150.00-200.00, 30-50 lb. 120.00-150.00.

SLAUGHTER EWES: Utility and Good 25.00-35.00, few 35.00-40.00.

GOATS: All goats old by the head, mainly 10.00-20.00 higher; Large mature Billies 60.00-85.00, Medium 50.00-65.00; Large mature Nannies 45.00-55.00, Medium 40.00-45.00; Good Kids 50.00-60.00, Medium 40.00-50.00, Thin 20.00-30.00.

Vintage Market

Tuesday, Dec. 17
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1243	851	15	8
Last Tuesday	936	995	8	4
Last Year	1042	836	38	1

CATTLE Compared to last Tuesday small supply high Choice and Prime slaughter steers mostly steady, although bulk of supply 50-1.00 lower; slaughter heifers mostly steady; cows 1.00-1.50 higher; bulls steady Supply included 49 percent slaughter steers and 46 percent cows

SLAUGHTER STEERS Few head high Choice and Prime 2-4 1200-1425 lb. 67.00-68.00, three head 69.85-70.25; few Good and Choice 1-2 1150-1425 lb 67.00-67.85, eight head 68.25-70.35; Choice 2-4 1075-1400 lb. 62.25-66.25, several 66.25-66.85; high Good and low Choice 2-3 58.00-62.00; Good 2-3 56.00-58.00, around 40 head mostly Good 900-1075 lb. sold as replacements at 52.75-57.50; Good and Choice 1225-1520 lb. Holsteins 45.00-49.75, few Choice 1340-1455 lb 52.00-55.75

SLAUGHTER HEIFERS Few head Choice 2-3 1140-1350 lb 59.50-64.50.

COWS Breaking Utility and Commercial 2-4 36.00-39.50, few 39.75-41.25; Cutter and Boning Utility 1-3 33.75-37.75, several 38.00-40.00; Canner and low Cutter 30.50-33.50, few low yielding 28.50-30.50

BULLS: Yield grade 1 1300-2335 lb. 42.75-44.75, couple 46.60-48.75, yield grade 2 950-1300 lb 40.00-42.50.

VEAL CALVES Choice and Prime vealers scarce, high Good and low Choice mostly steady Supply included 662 in graded sale of which 65 percent sold to return to farm.

VEALERS. Few had Choice 170-225 lb. 76.00-81.00, individual 410 lb Prime special fed 86.00; few high Good and low Choice 150-250 lb 54.00-74.00; high Good and low Choice 90-115 lb. 36.50-45.50, 80-90 lb. 36.00-39.00, 70-80 lb. 32.00-36.00; few Standard 60-90 lb. 25.00-32.00

RETURNED TO FARM: 40 head 120-125 lb. Holstein bulls 85.00-87.00, 65 head 110-115 lb. 89.00, 135 head 100-105 lb. 92.00-97.00 and 70 head 90-95 lb. 84.00-87.00; 20 head small frame 110-115 lb Holstein bulls 72.00-77.00 and 80 head 90-105 lb 40.00-42.00

SHEEP: Insufficient volume for a market test, few Good and Choice 30-65 lb. wooled lambs 80.00-91.00, few Good and Choice 100-130 lb wooled lambs 50.00-58.00

GOATS All goats sold by the head, Medium and Large 30.00-50.00

Lancaster Auction

Wednesday, Dec. 18
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Today	256	32	413	0	0
Last Wednesday	824	27	765	4	1
Last Year	294	23	571	8	-
Wednesday's Auction	197	34	327	0	0
Last Wednesday's Auction	211	20	692	0	0

CATTLE Compared to Monday slaughter steers fully steady, cows steady; insufficient volume of other classes for a market test Supply included 64 percent slaughter steers, with the balance mainly cows

SLAUGHTER STEERS Choice 2-4 1190-1530 lb 62.75-66.00, few head 66.00-66.75, few high Good and low Choice 2-3 1150-1270 lb 60.00-62.50; few head Good and Choice 1150-1300 lb Holsteins 42.75-46.25.

COWS Breaking Utility and Commercial 2-4 36.50-38.00; Cutter and Boning Utility 1-3 33.25-36.75, couple 37.25-38.75; Canner and low Cutter 32.00-34.00

VEAL CALVES Vealers mostly steady. Supply mainly high Good and low Choice 85-110 lb selling at 35.00-50.00; with a few 100-120 lb Holstein bulls sold to return to farm at 60.00-65.00

SHEEP None

New Holland Livestock

New Holland, Pa.
Thursday, Dec. 19

	Cattle	Calves	Sheep	Goats
Today	867	643	140	34

CATTLE: Compared to last Thursday, Slaughter Steers firm to 1.00 higher; slaughter heifers mostly steady; cows 2.00 higher, instances 2.50 higher; bullocks scarce; bulls firm to 1.00 higher. Supply included 27 percent slaughter steers and 59 percent cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1200-1325 lb 67.10-69.00, couple 69.35-69.85; Good and Choice 1-2 1175-1325 lb. 67.00-68.00, couple head 68.50-70.00; Choice 2-4 1100-1375 lb. 63.00-67.10; high Good and low Choice 2-3 1000-1250 lb. 58.00-62.75; Good 2-3 975-1225 lb. 54.00-59.00; Good and Choice 1240-1450 lb. Holsteins 43.25-47.00, couple Choice 48.00-50.00; Standard and low Good 40.00-42.00.

SLAUGHTER HEIFERS: Choice 2-3 1000-1260 lb. 59.75-63.75; Good 2-3 950-1250 lb. 53.50-56.25.

COWS: Breaking Utility and Commercial 2-4 36.00-40.00, few 40.00-41.25, couple 41.75-43.75; Cutter and boning Utility 1-3 35.50-39.50, few 39.50-40.25; Canner and low Cutter 32.75-34.75, few 30.00-32.50.

BULLOCKS: Few Good 1-2 1000-1275 lbs. 52.00-57.00, couple Choice 2-3 1050-1300 lb. 57.75-59.25.

BULLS: Yield grade 1 1300-1750 lb. 45.75-48.50, couple 1800-2000 lb. 46.75-47.50; yeild grade 2 1000-1450 lb. 42.00-45.00.

VEAL CALVES: 643. Vealers weak at 5.00 lower, although high Good and low Choice 80-110 lb. firm to 2.00 higher. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 240-345 lb. 93.00-103.00, individual 111.00; Choice 140-300 lb. 70.00-90.00; high Good and low Choice 140-300 lb. 57.00-70.00, 110-140 lb. 47.00-60.00, 80-110 lb. 42.00-48.00.

SLAUGHTER CALVES: Good and Choice 270-450 lb. 45.00-57.00, few 450-550 lb. 30.00-42.00.

RETURNED TO FARM: Bulk 100-120 lb. Holstein bulls 75.00-90.00, few 90.00-95.00; several 90-105 lb. 53.00-70.00.

SHEEP: 140. Wooled lambs mostly steady; Slaughter ewes steady. Supply included about 20 head 20-55 lb. new crop lambs.

WOOLED LAMBS: Choice and Prime 70-95 lb. 62.00-70.00, few Choice 55-65 lb. 70.00-80.00; Choice 110-125 lb. 56.00-62.00.

NEW CROP LAMBS: Few Choice 40-55 lb. 112.00-130.00, couple 140.00-148.00, couple 25 lb. 164.00-176.00.

GOATS: 34. All goats sold by the head, medium and large mainly 32.00-46.00, couple 56.00 and couple large billies 83.00-89.00.

Lancaster County Weekly

Friday, December 20
Report Supplied by PDA

	Cattle	Calves
This Week	4200	1650
Last Week	4603	1899
Last Year	3381	1586

CATTLE Sl. steers firm to 1.00 higher; sl heifers instances 1.00 lower; cows 1.00 to mostly 2.00 higher, bullocks scarce; bulls fully steady Supply included 39 per cent sl steers, 8 per cent sl. heifers, 32 per cent cows, 4 per cent bulls, with balance feeders.

SLAUGHTER STEERS High Choice & Prime 2-4 1200-1425 lbs. 66.50-69.00, few individuals 69.25-70.25; Good & Choice 1-2 1150-1425 lbs 67.00-68.00, with around 10 head 68.25-70.35, Choice 2-4 1100-1450 lbs. 61.50-67.10, mainly 63.00-66.75; high Good & low Choice 2-3 1000-1250 lbs. 58.00-62.50; Good 2-3 975-1225 lbs. 54.00-59.00; Good & Choice 1225-1525 lb holsteins 43.25-49.00, few Choice 49.00-52.00; Standard & low Good 1050-1250 lbs 37.25-42.00.

SLAUGHTER HEIFERS Few high Choice & Prime 2-4 1075-1225 lbs. 63.50-64.00; load mostly Choice 3 1325-1550 lbs. 60.00-62.50; Choice 2-3 900-1250 lbs. 59.50-63.50; Good 2-3 875-1150 lbs. 53.00-58.00

COWS: Breaking Utility & Commercial 2-4 36.00-40.00, few 40.00-41.25, couple 41.75-43.75; Cutter & Boning Utility 1-3 34.50-39.50, few 39.50-40.25, Canner & low Cutter 32.50-34.75, few low yielding 28.50-32.50

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LANCASTER STOCK YARDS

Open 24 hours a day
365 days a year
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AUCTIONS

MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs

TUESDAY
9:00 A.M. —Slaughter Hogs
1:00 P.M. —Feeder Pigs

WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. —Veal Calves, Lambs

FRIDAY
11:00 A.M. —Stocker and Feeder Cattle

SATURDAY
8:00 A.M. —Slaughter Hogs

LANCASTER STOCKYARDS, INC.

Holiday Schedule
No Auction Wed., Dec. 25th, Fri., Dec. 27th, Wed., Jan. 1st

WE WISH YOU ALL HAPPY HOLIDAYS AND BEST WISHES FOR THE NEW YEAR

1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

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Buyers & Sellers Welcome

HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, Dec. 17
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 1.50-2.00 higher; sows scarce.

BARROWS AND GILTS. US 1-2 210-250 lb. 50.00-51.25. US 1 210-250 lb. 51.25-52.75; About 35 head 53.00-54.00. US 1-3 200-260 lb. 49.00-50.00; US 2-3 Few 240-270 lb. 48.00-49.00.

Tuesday, Dec. 16

Today	120
Last Tuesday	154
Last Year	160

TREND: Compared to Monday, small supply barrows and gilts 50-1.00 lower.

BARROWS AND GILTS: US 1-2 Few 210-245 lb. 49.50-50.25; US 1-3 240-260 lb. 46.00-48.50;

Wednesday, Dec. 17

HOGS: Compared to Monday barrows and gilts mostly 1.00 lower

BARROWS AND GILTS: US 1-2 210-250 lb. 49.00-50.50; US 1 210-250 lb 51.00-52.75; US 1-3 200-260 lb. 48.00-49.00; US 2-4 Few 225-260 lb 47.00-48.00.

SOWS: US 1-3 300-650 lb 34.00-36.00

Lancaster Hogs
Lancaster Stockyards
Saturday, Dec. 14
Report supplied by auction

1365 head.

US No. 1, 210-250 lbs., 50.50-52.25. US No. 1-2 210-250 lbs., 49.50-50.50; 1-3 lbs., 210-255 lbs., 48.00-49.50; 2-4 220-260 lbs., 47.00-48.00.

SOWS: 300-500 lbs., 33.00-37.00, few to 38.00; 500 lbs. up, 37.00-38.50.

BOARS: 31.00-35.00.

Carlisle State Graded Pig Sale
Carlisle Livestock Market Inc.
Carlisle, Pa.
Friday, Dec. 13
Report supplied by auction

TREND: Compared to November's State Graded Sale pigs under 40 lbs. were steady to 10.00 higher while pigs over 40 lbs. were steady to 10.00 lower. Total supply included 1575 pigs of which 1395 graded 1&2's or 2's. All pigs weighed on arrival and sold by the hundred weight.

US NO. 1&2's: 1157 head. 137 hd. 27-39 lbs. 90.00-112.00; 20 hd. 37-39 lbs. 80.00-87.00; 196 hd. 41-49 lbs. 84.00-91.00; 16 hd. 46 lbs. 75.00; 349 hd. 51-59 lbs. 73.00-84.00; 19 hd. 58 lbs. 60.00; 197 hd. 60-69 lbs. 65.00-83.00; 23 hd. 671 lbs. 55.00; 200 hd. 72-93 lbs. 54.00-69.00.

US NO. 2's: 238 head. 79 hd. 25-39 lbs. 90.00-104.00; 37 hd. 40-49 lbs. 68.00-90.00; 93 hd. 50-59 lbs. 66.00-77.00; 29 hd. 67-96 lbs. 54.00-57.00.

US NO. 2&3's. 114 head. 30 hd. 27-37 lbs. 89.00-101.00; 59 hd. 41-49 lbs. 73.00-80.00; 19 hd. 50-60 lbs. 68.00-69.00; 6 hd. 78-115 lbs. 50.00-60.00.

UTILITIES: 14 hd. 24-45 lbs. 54.00-99.00.

AS IS: 45 hd. 25-53 lbs. 46.00-105.00; 8 hd. 70-100 lbs. 23.00-25.00.

Next State Graded Sale: Friday January 10th, 1986 (Grading 7:30 to 11:30 A.M.).

Indianapolis Hogs
Thursday, Dec. 19
Report supplied by USDA

400 - Barrows & gilts active, 75-1.00 higher. US 1-3 225-255 lb. 48.25-48.75.

SOWS: Moderately active, steady to 1.00 higher. (15%)

BOARS: Absent.

St. Louis Hogs
Thursday, Dec. 19
Report supplied by USDA

3000 - Barrows & gilts active, 50-75 instances 1.00 higher.

US 1-3 210-260 lb. 48.25-48.75, 180 head 49.00; US 2-3 260-270 lb. 47.50, package 48.00; 270-290 46.00-47.00.

SOWS: Under 500 lb. mostly 1.00 lower; over 500 lb. steady-50 higher. (About 12%)

US 1-2 300-500 lb. 37.00, pkg 470 lb. 37.50; US 1-3 over 500 lb. 38.00-40.00.

BOARS: Over 300 lb. 31.00; under 300 lb. 32.00.

New Holland Hogs
New Holland Sales Stables
Monday, Dec. 16
Report supplied by auction

Today	1158
Last Monday	1514
Last Year	1898

TREND: Compared to last Monday barrows and gilts uneven, firm to 1.00 higher, after some early sales being weak to 1.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 48.50-50.00, couple lots 50.50, some early sales 47.75-48.50.

US 1 210-250 lb. 50.75-52.00.

US 1-3 200-260 lb. 47.00-48.50, few early sales 45.50-47.00.

US 2-3 One lot 290 lb. 41.00.

Peoria Hogs
Thursday, Dec. 19
Report supplied by USDA

2400 - Barrows & gilts moderate, 1.00 higher.

US 1-2 200-240 lb. 48.50-49.00, 125 head 49.25; US 1-3 200-250 lb. 48.00-48.50.

SOWS: 50-1.00 higher. (11%)

US 1-3 350-500 lb. 37.00-38.00; US 1-3 500-650 lb. 39.00-40.00.

BOARS: Over 350 lb. 31.00; 250-300 lb. 30.00; under 250 lb. 36.00.

New Holland Feeder Pigs
New Holland, Pa.
Wednesday, Dec. 18
Report supplied by Auction

Today	1588
Last Wednesday	941
Last Year	717

Trend: Compared to last Wednesday 20-40 lb. feeder pigs 10.00-15.00 lower, 40-70 lb. 4.00-10.00 higher. Supply included about 25% sold for slaughter. All pigs weighed on arrival and sold by the hundred weight.

US 1-2 9 head 26 lbs. 85.00; 226 head 35-39 lbs. 69.00-84.00; 182 head 40-49 lbs. 70.00-86.00; 37 head 40 lbs. 60.00; 204 head 50-59 lbs. 78.00-85.00; 20 head 54 lbs. 70.00; 170 head 60-70 lbs. 71.00-76.00; 69 head 80-100 lbs. 61.00-62.00; 15 head 117-136 lb. 46.00-53.00.

US 2-3: 140 head 21-53 lbs. 78.00-87.00; 23 head 68-81 lbs. 67.00-72.00.

SLAUGHTER: 20 head 19-20 lbs. 100.00; 370 head 20-50 lbs. 60.00-90.00.

Lancaster Feeder Pigs
Tuesday, Dec. 17
Report supplied by USDA

Today	1051
Last Tuesday	487
Last Year	888

TREND: Compared to last Tuesday feeder pigs 5.00-10.00 lower. Supply included about 60 percent sold to slaughter. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 170 head 39-49 lbs. 66.00-79.00; 60 head 50-59 lbs. 58.00-72.00; 60 head 60-69 lbs. 55.00-57.00; 7 head 85 lbs. 52.00.

US 2-3: 30 head 45-49 lbs. 54.00-60.00. 13 head 57 lbs. 57.00; 43 head 70-91 lbs. 35.00-53.00.

Slaughter 150 head 20-29 lbs. 73.00-108.00; 200 head 30-39 lbs. 60.00-81.00; 140 head 40-69 lbs. 49.00-67.00; 25 head 74-102 lbs. 38.00-50.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)	497,000	53,000	1,264,000	96,000
Same Pd. Lt. Wk. (Est.)	505,000	53,000	1,219,000	94,000
Same Pd. Lt. Yr. (Act)	540,000	48,000	1,309,000	102,000

Chicago Grain Futures

(Closing Bids as of Thursday, Dec. 19)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Nov.				
Dec.	2.47 1/2	3.41 1/4		142.00
Jan. '86			5.34 1/2	145.20
Mar. '86	2.49	3.42 3/4	5.49	148.70
May '86	2.52 1/2	3.23 1/4	5.58 1/2	150.50
July '86	2.53 1/4	2.92 1/4	5.68 3/4	152.50
Aug. '86			5.67	152.80
Sept. '86	2.37 3/4	2.92 1/4	5.51	152 00
Nov. '86			5.50 1/2	
Dec. '86	2.28	3.03 3/4		148.50
Jan. '87			5.62	

Trends - Corn - sideways; Soybeans - sideways; Wheat - sideways; Soybean Meal - sideways

Futures Trading

(Closing Bids as of Thursday, Dec. 19)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Nov.			
Dec.	64 70	50 20	
Feb. 86'	60 65	45 65	
Apr. 86'	60 45	41 30	
May 86'			2 29
June 86'	60 72	44 00	
July 86'		44 35	
Aug. 86'	59 97	43.47	
Oct. 86'	58.60	40.25	
Nov. '86			3 44

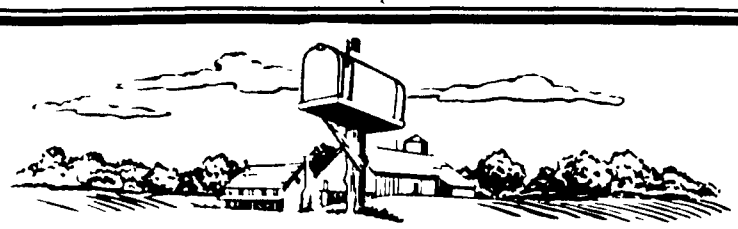
Trends - Cattle - weaker Hogs - weaker

We Are Happy To Announce As Of December 9th Ed Prosser Is Associated With Us As Manager Of Our Hog Department

— HOLIDAY SCHEDULE —
We Will Be Closed December 25, 26, 27
Open For Business As Usual
Saturday, December 28th
Closed Wednesday, January 1st,
New Year's Day

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast With The Times



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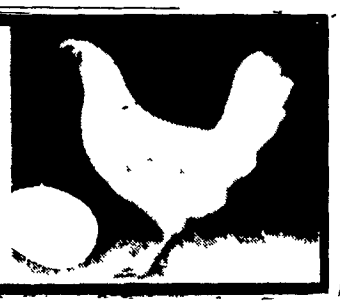
POULTRY MARKETS



Weekly New York Egg Market National Quotes

From Friday, Dec. 13 to Thursday, Dec. 19

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.79	.79	.79	.79	.79
Ex. Large	.78	.78	.78	.78	.78
Large	.78	.78	.78	.78	.78
Medium	.72	.72	.72	.72	.72
Pullets	.52	.52	.52	.52	.52
Off Grade	.65	.65	.65	.65	.65
BROWN					
Jumbo	—	—	—	—	—
Ex. Large	.91	.91	.91	.92	.92
Large	.88	.88	.88	.89	.89
Mediums	.73	.73	.73	.73	73
Pullets Unquoted					
Peewees Unquoted					
Off Grade					
Undergrades	.34	.34	.34	.34	34
Checks	.32	.32	32	32	.32

Northeast Breaking Stocks

Friday 40.00-43.00.

N.E. Weekly Shell Egg Report

Tuesday, Dec. 17
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.88-.92	.86-.90	78-.82	49-.53
Mostly	.90- 91	.88-.89	.80-.81	51- 52
R.I.	.87-.95	85- 93	.77-.85	48- 56
Mostly	.87-.90	85-.88	77- 80	48- 51
VERMONT	.95-1.00	89- 98	77- 92	
Mostly	1.00	.98	90	
MAINE	.95-1.02	93-1.00	85- 92	56- 63

X Includes Central and Western Sections only

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#203-966-1746

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Dec. 17
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .72-1.02 per lb.

MUSCOVY DUCKS, HENS: range .50-.64 per lb.

PEKIN DUCKS: range .30-.44 per lb.

RED FOWL: 4-5 lbs. range .15-.34 per lb.

RED FOWL: 5-6 lbs. range .30-.44 per lb.

CROSSBRED FOWL: 5-10 lbs. range .20-.42 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .44-.70 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .30-.62 per lb.

GUINEA FOWL: range 1.05-1.30 per lb.

BANTY ROOSTERS: range 2.00-4.25 ea.

BANTY HENS: range .50-1.25 ea.

LEGHORN HENS: range .10-.22 per lb.

LEGHORN ROOSTERS: range .11-.28 per lb.

GEESE: 8-12 lbs. range .15-.58 per lb.

TURKEYS: 17-36 lbs. range .40-.74 per lb.

PIGEONS: 1.25-1.70 ea.

WHITE PIGEONS: range 3.00-3.85 ea.

SILKIES: range 6.25-7.50 ea.

DOVES: range 2.25-3.00 ea.

RABBITS: 4-6 lbs. range .90-1.24 per lb.

RABBITS: 7-11 lbs. range .50-1.00 per lb.

CHUCKERS: 4.25-4.75 ea.

CAPONS: 10-12 lbs. .70-.84 per lb.

BUNNIES: .50-2.00 ea.

GUINEA PIGS: range .05-1.25 ea.

GOATS: 35.00-46.00.

KID GOATS: range 27.00-33.00.

TOTAL NUMBER COOPS: 860.

No Sale Dec. 24.

There will be a Dec. 31 Sale.

Delmarva Poultry

Thursday, Dec. 19
Report supplied by USDA

Market Comment: Demand for ready to cook whole birds and parts is slow to very slow at most plants and maintaining satisfactory clearances has been quite difficult. Seller offerings were generally noted as easily available on all product. Some settlers noted a willingness to offer discounts on trucklots to stimulate movement. Live supplies were fully adequate to ample. Weights were in a wide range but mostly desirable to heavy. Slaughter schedules were again reduced and very light in total. The undertone remained weak and unsettled.

Today's L.T.L. asking prices were 2 cents lower on U.S. Grade A at .43-.49 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/19 1,579,000; Actual 12/12 2,085,000.

Actual 12/17 1,780,000; Average Weights 12/17 4.36; Avg. Wghts 12/10 4.37.

Eastern Pa. & N.J. Poultry

Wednesday, Dec. 18
Report supplied by USDA

Market Comment: Prices were lower this week; developing at the inside of today's range for next week. Seller offerings continued to increase and were more than sufficient to handle processor schedules, particularly for next week when operations will be curtailed in observance of the holiday. Demand for processed meat was showing improvement at lower trending prices but was noted only as moderate overall.

Light Type Hens: .11-.14, mostly .12-.14.

F.O.B. Plant: .14-.16, mostly .15-.16.

Philadelphia Eggs

Thursday, Dec. 19
Report supplied by USDA

Market Comment: Prices unchanged. Trade sentiment steady to fully steady. Cartoned egg orders reflecting expected increases due to the up coming holiday and were generally good to very good. Floor stocks were generally adequate on the large and extra large sizes. Mediums were adequate to short in spots and inquiry for any excesses was fairly active. Ungraded demand was improved as packers sought additional supplies of lightweight class 1's, class 2's and 3's. Several dealers are planning operations on Saturday in an effort to insure adequate supplies at the retail level.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .75-.77; A Large .74-.76; A Medium .67-.69.

New York Multiple Drop Broiler Report

Thursday, Dec. 19
Report supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .42-.51.

Weighted AVG.: U.S. Grade A 48.78.

Premium (X) Boxes 8,391.

(X) Includes special services, selected competitive brands, etc.

ROPE IN SOME EXTRA CASH!
Advertise With A Lancaster Farming CLASSIFIED AD
Phone 717 394 3047 or 717 626 1164

Let's worship together on this holiest of holidays! Thanks to all!

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automatic farm systems
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Lebanon, PA 17042
(717) 274-5333

May New Life find its home in your heart this Christmas.

MOYER'S CHICKS, INC.
Quakertown, PA
Card design furnished by: Heifer Project International
Little Rock, Arkansas 72203

In those days Caesar Augustus published a decree ordering a census of the whole world. This first census took place while Quirinius was governor of Syria. Everyone went to register, each to his own town. And so Joseph went from the town of Nazareth in Galilee to Judea, to David's town of Bethlehem—because he was of the house and lineage of David—to register with Mary, his espoused wife, who was with child.

While they were there the days of her confinement were completed. She gave birth to her first-born son and wrapped him in swaddling clothes and laid him in a manger, because there was no room for them in the place where travelers lodged.

There were shepherds in the locality, living in the fields and keeping night watch by turns over their flocks. The angel of the Lord appeared to them, as the glory of the Lord shone around them, and they were very much afraid. The angel said to them: "You have nothing to fear! I come to proclaim good news to you— tidings of great joy to be shared by the whole people. This day in David's city a savior has been born to you, the Messiah and Lord. Let this be a sign to you: in a manger you will find an infant wrapped in swaddling clothes." Suddenly, there was with the angel a multitude of the heavenly host, praising God and saying,

"Glory to God in high heaven, peace on earth to those on whom his favor rests."

We at Pennfield want to take this opportunity to wish you
and your family every happiness at this beautiful
Christmas season and throughout the coming new year

HAY MARKETS

King's Hay
Kirkwood, Pa.
Tuesday, Dec. 17
Report supplied by auction

Alfalfa mostly 74.00-90.00, a few 54.00-68.00; Alfalfa Mix, 60.00-76.00; Timothy and Timothy Mix 65.00-93.00; Mixed Hay 46.00-61.00; Clover Mix 87.00; Straw 80.00-85.00; Corn Fodder 63.00 pick up ld.

Vintage Hay And Straw
Vintage Sales Stables
Thursday, Dec. 19
Report supplied by auction

15 loads.

Alfalfa, 77.00-80.00; Wheat Straw 79.00-83.00; Corn Fodder, 55.00; Mixed Hay, 57.00-75.00; Timothy, 62.00-67.00.

Hagerstown Hay
Hagerstown, Md.
Wednesday, Dec. 18
Report supplied by auction

4 loads Alfalfa, 52.00-84.00; 1 load Timothy, 77.00; 1 load Straw, 75.00; 3 loads Mixed Hay, 40.00-78.00.

Next sale, Jan. 8, 1986.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, Dec. 14 and Dec. 17
Report supplied by auction

59 Loads.

Alfalfa, 56.00-100.00; Mixed hay, 50.00-87.00; Timothy, 46.00-70.00; Straw, 65.00-85.00; Ear Corn, 73.00-78.00; Corn Fodder, 40.00; Firewood, 29.00-46.00/pickup truck load.

New Holland Hay
New Holland Sales Stables
Monday, Dec. 16
Report supplied by auction

178 loads. Compared to last week, Straw was steady. Hay and corn active and 5.00 higher.

Alfalfa, 14 lds., 100.00-156.00, 23 at 75.00-100.00, 8 at 46.00-75.00; Mixed hay, 9 at 90.00-130.00, mostly Alfalfa & Timothy mix.

Mixed Hay, 15 at 70.00-90.00, 21 at 42.00-70.00; Timothy 8 at 80.00-101.00, 5 at 60.00-80.00, 3 at 51.00-60.00.

Clover, a few at 46.00-70.00; Grass Hay, 64.00-93.00; Straw, 5 at 80.00-93.00, 13 at 70.00-80.00, 10 at 64.00-70.00; Ear Corn, 3 at 66.00-75.00; Oats, 1.35-1.50 bu. (bulk), 1.72-1.95 bag; Firewood, 55.00-61.00, 1 big ld. at 190.00.

Frederick Co. Hay & Straw
Buckeystown, Md.
Thursday, Dec. 19
Report supplied by auction

71 loads. Market about steady on all grades of Hay. Straw steady to 10.00 lower.

Alfalfa, 8 loads, fair to good, 90.00-112.50, 16 loads fair, 80.00-87.50, 6 dark, 60.00-77.50; Timothy loads, fair to good, 80.00-109.00, 2 dark, 70.00-75.00.

Mixed Hay, 4 gd., 87.50-110.00, 8 fair, some damaged, 62.50-77.50; Clover, 65.00; Grass, 81.00; Straw, 7 fr. to gd., 81.00-92.00, 2 dark, 75.00-77.50; Firewood, 4 hardwood, 68.00-85.00 cord, 2 lds. mixed wood, 65.00-67.50 cord.

Oats, 1.95 bu.

Sales will be held Dec. 26 and Jan. 2

Greencastle Hay
Greencastle, Pa.
Monday, Dec. 16

20 loads. Alfalfa 10.00 to 108.00; Straw 83.00 to 86.00/ton; Mixed 60.00 to 84.00. 1 load Firewood 47.00.

Belleville Livestock
Belleville, Pa.
December 11, 1985

58 Loads Hay & 22 Loads Straw.

Alfalfa 67.50-90.00 few to 112.50; Mixed Hay 50.00-70.00; Straw 52.50-75.00.

Leinbach Farm Market
Shippensburg, Pa.
Tuesday, Dec. 7 & 10, 1985

41 Loads Hay & 6 Loads Straw 1 Ear Corn.

Alfalfa 66.00-110.00; Mixed Hay 45.00-102.00 mostly 57.00-85.00; Timothy Hay 47.50-66.00 one load 42.00; Straw 67.50-88.00 one load 57.00; Ear Corn 72.00; Oats 2 loads 1.20-1.30 per bushel.

Pa. Grain
Monday, Dec. 16
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central, PA. Corn steady to 15 cents higher. Wheat uneven, mostly steady to strong, instances 20 cents higher. Barley and oats steady to 10 cents higher. Soybeans steady to 30 cents higher. New Ear Corn steady to $5.00 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.40-2.70, average 2.54, New Crop* 2.18; @Wheat No. 2 range 2.95-3.60, average 3.26, New Crop* 2.55-2.94; Barley No. 3 1.40-1.80, average 1.62, New Crop* 1.00-1.75; Oats No. 2 .90-1.30, average 1.06, New Crop* .80; Soybeans No. 1 4.80-5.05, average 4.98, New Crop* 4.70; *Gr. Sorghum #2 2.15, average 2.15; #New Ear Corn 52.00-65.00, average 60.20.

Central Pennsylvania

Corn No. 2-y range 2.20-2.50, average 2.36; @Wheat No. 2 range 2.70-3.00, few reported 3.35, average 2.95; Barley No. 3 1.45-1.65, average 1.56; Oats No. 2 .95-1.10, average 1.05; Soybeans No. 1 4.50-4.80; average 4.65; *+Buckwheat 8.00, average 8.00; #New Ear Corn 43.00-54.00, average 49.40.

South Central Pennsylvania

Corn No. 2-y range 2.25-2.50, average 2.36; @Wheat No. 2 2.60-3.00, average 2.72; Barley No. 3 1.50-1.70, few reported 1.90, average 1.64; Oats No. 2 .95-1.30, average 1.10; #New Ear Corn 45.00-62.00, average 54.63.

Western Pennsylvania

Corn No. 2-y range 2.20-2.45, average 2.29; @Wheat No. 2 range 2.60-3.10, average 2.78; Oats No. 2 range 1.00-1.25, average 1.11.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.25-2.70, average 2.45; @Wheat No. 2 range 2.70-3.50, average 3.02; Barley No. 3 range 1.45-1.80, average 1.61; Oats No. 2 range .90-1.30, average 1.06; Soybeans No. 1 4.50-5.05, average 4.85; *New Ear Corn range 45.00-64.00, average 55.91.

48% Soybean Meal, $198.80
Distillers Grains, $151.50
* Per Ton Delivered *
WALKER COMPANY
Gap, PA 17527
717-442-4169(Collect)

SPECIAL NOTICE
VINTAGE SALES STABLES, INC.
Rt. 30, 10 miles east of Lancaster in Paradise, Pa.
HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
For info. 717-442-4181 or 215-458-8518
L. Robert Frame, Sr., Manager

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna
The Action Auction
717-354-4341
Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865
WEDNESDAY
FEEDER PIG
SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

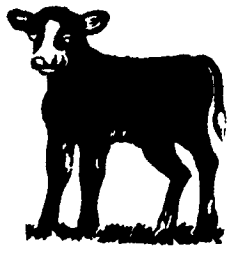
11:00 AM

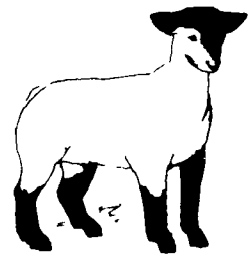
BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Farmers Livestock Auction

Duncansville, Pa.
December 16, 1985
Report Supplied by PDA

CATTLE 160. Choice 59.75-62.25, High Good & Low Ch. 58.50-60.00, Good 55.00-57.50, Good & Choice holsteins 46.50-49.75, Standard 44.50-46.50, Utility 42.00-44.00. Choice sl. heifers 55.00-59.00, Good 48.00-54.00, Standard 45.00-47.00, Utility 40.00-42.00. Breaking Ut. & Commercial sl. cows 35.50-38.50, Cutter & Boning Ut. 35.00-36.00, Canner & Low Cutter 31.00-32.50, Shells down to 20.00.

FEEDER CATTLE: Steers Standard 45.00-47.50, Standard heifers 40.00-44.00, Bulls Standard 41.50-45.00.

CALVES 283. Good 68.50-73.00, Standard 61.50-65.00, Standard & Good 90-110 lb. 46.00-48.00, Utility 60-80 lbs. 40.50-49.00.

FARM CALVES: Holstein bulls 95-130 lbs. 60.50-85.00, Holstein heifers 95-110 lbs. 50.00-52.00.

HOGS 106. US No. 1-2 210-240 lbs. barrows and gilts 48.50-49.50, No. 1-3 220-250 lbs. 47.75-48.50, No. 2-3 250-260 lbs. 45.75-48.00, No. 1-3 250-270 lbs. 46.00-46.50. US No. 1-3 350-500 lbs. sows 38.00-40.00, No. 2-3 350-400 lbs. 36.00-38.50. Boars 300-600 lbs. 28.50.

FEEDER PIGS 29. US No. 1-3 40-50 lbs. feeder pigs 30.50-31.00 per head, No. 1-3 20-40 lbs. 23.50-28.00.

SHEEP 9. Spring/or/Wooled sl. lambs 90-115 lbs. 55.50-65.00.

Keister's Livestock

Middleburg, Pa.
Tuesday, December 17
Report supplied by auction

CATTLE 373: Compared with last weeks market, Choice slaughter steers 61.50-65.50, Good 55.00-61.00, Standard 48.00-55.00, Utility 38.00-48.00. Choice slaughter heifers 59.00-62.85, Good 53.00-58.75, Standard 45.00-53.00, Utility 35.00-45.00. Breaking Utility & Commercial slaughter cows 35.00-40.75, Few 42.85, Cutter & Boning Utility 34.00-37.75, Canner & Low Cutter 29.00-34.00, Shells down to 26.00. Choice slaughter bullocks 55.00-57.25, Good 50.00-55.00. Yield Grade No. 1 1200-1740 lbs. slaughter bulls, 45.00-51.50, Yield Grade No. 2 800-1200 lbs. 37.00-45.00. FEEDER CATTLE: Steers 350-750 lbs. 45.00-60.00; Heifers 350-70 lbs. 30.00-48.00; Bulls 350-750 lb. 35.00-59.00.

CALVES 210: Choice Vealers 80.00-85.00, Few 90.00, Good 60.00-80.00, Standard & Good 90-110 lbs. 42.00-46.00, 60-90 lbs. 25.00-42.00. FARM CALVES - Holstein bulls 90-120 lbs. 70.00-90.00.

HOGS 446: US No. 1 220-235 lbs. barrows & gilts 51.00:52.25, No. 1-2 215-240 lbs. 50.00-51.00, No. 1-3 190-250 lbs. 49.00-50.00, No. 2-3 190-270 lbs. 47.10-49.00. Sows - US No. 1-3 280-550 lbs. sows 36.00-40.00, Few 44.00, No. 2-3 300-600 lbs. 32.00-36.00.

BOARS 31.00-34.00

FEEDER PIGS 263: US No. 1-3 20-35 lbs. feeder pigs 18.00-32.00 per head, No. 1-3 35-50 lbs. 32.00-42.00 per head.

SHEEP 70: Choice 85-110 lbs. Wool Slaughter Lambs 60.00-77.00, Good 50-75 lbs. 55.00-60.00, Few 30-50 lbs. 80.00-115.00. Slaughter ewes 20.00-30.00

Morrison Cove Livestock

Martinsburg, Pa.
December 16, 1985
Report supplied by auction

CATTLE 178. Choice 58.50-59.75, High Good & Low Ch. 55.50-59.00, Good 52.50-56.75, Good & Choice holsteins 43.50-46.75, Standard 41.00-44.00, Utility 38.00-42.50. Choice sl. heifers Standard 43.50-48.50, Utility 42.50-44.00, Breaking Ut. & Commercial sl. cows 36.50-39.75, Cutter & Boning Ut. 34.50-36.25, Canner & Low Cutter 31.50-33.00, Shells down to 19.00.

FEEDER CATTLE: Steers Standard 45.00-47.50, Heifers Standard 40.00-44.50, Bulls Standard 42.50-46.50.

CALVES 354. Choice 70.50-90.50, Good 60.00-70.50, Standard 55.50-60.50, Standard & Good 90 to 110 lb. 46.50-50.50, Utility 60-80 lbs. 40.50-45.50.

FARM CALVES: Holstein bulls 95-130 lbs. 60.50-82.50, Holstein heifers 95-110 lbs. 50.50-55.50.

HOGS 181: US No. 1-2 210-240 lbs. barrows and gilts 48.75-49.00, No. 1-3 220-250 lbs. 47.50-48.50, No. 2-3 250-260 lbs. 45.50-47.25, No. 1-3 250-270 lbs. 45.50-46.50. Sows US No. 1-3 350-500 lbs. sows 38.50-40.25, No. 2-3 350-400 lbs. 35.50-38.25. Boars 300-600 lbs. 28.00.

FEEDER PIGS 28: US No. 1-3 40-50 lbs. feeder pigs 31.50-33.00 per head, No. 1-3 20-40 lbs. 25.00-27.00.

SHEEP 14. Spring/or/Wooled sl. lambs 90-115 lbs. 55.00-66.25.

SLAUGHTER EWES: NONE.

ATTENTION FARMERS

EVERY MONDAY
HATFIELD PACKING CO. and MOYER PACKING CO.
Will Receive Your Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

COWS COWS COWS

SALE EVERY FRIDAY
Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.
11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.
For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.
WALTER H. RISSER, Proprietor
All out of state and new buyers must have cash or certified check or current letter of credit from bank.

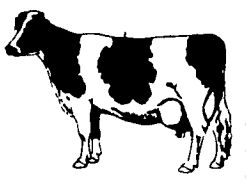
TOP PRICES FOR DOWN, CRIPPLED AND AS IS COWS, BULLS & STEERS

Slaughtered Under Federal Inspection
Paid On Dressed Weight

Tom Mulvaney
Livestock Trucking
(201) 454-4247

HANDLING:
Warren, Hunterdon, Sussex And Somerset Counties, New Jersey

IN PENNA:
Northampton, Bucks And Lehigh Counties



KING'S AUCTION, KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt 472 5 miles south of Quarryville or 6 miles north of Oxford at Shaub's Auction House
Lloyd H Kreider
Auctioneer
AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

PIGS
STATE GRADED SALE
FRI. DEC. 27
1:30 P.M.
AT WESTMINSTER LIVESTOCK AUCTION
Westminster, Md.
Phone (301)848-9820

MELHORN SALES, SERVICE, TRUCKING CO.
1010 W. Main St., Mount Joy, PA 17552

The only full service company, in this area, to handle the total needs of the poultrymen.

Which Includes:

- DEKALB chicks & started pullets sold by Clay Mumma, Nelson Groff & Harold Mishler.
- Complete loading & unloading of pullets & spent hens.
- New modern dollie equipment to move your pullets fast and efficiently with minimum stress to the pullets

Place Your Confidence In A Full Service Company That Wants To Be Worthy Of Your Business

DEKALB

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800-523-9388 US
215-821-8111
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Allentown, PA 18104

THE OLD FARMER'S ALMANAC

DEC. 23-29, 1985

White on white, more snow on Christmas night.

"Silent Night" composed and first sung Dec 24, 1818 Full moon Dec 27 (Fri) Average length of days for the week, 9 hours, 6 minutes Gaslights installed in the White House, Dec 29, 1848 Radio City Music Hall opened in New York, Dec 27, 1932 First "Howdy Doody" TV show aired Dec 27, 1947 *He that gives not what he loves has not what he desires*

Ask the Old Farmer: Where and when did the expression 'foot the bill" come from? R J, Wheeling, W Va

Comes from the word "footing" A very old custom decreed that a man entering a new employment, club, school and so on, was expected to pay for his footing or acceptance

Home Hints. To keep children s new shoes from slipping lightly sandpaper the soles

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week mild, snow north, mid through end of week turning cold and snowy

Greater New York-New Jersey: Week begins with showers and mild temperatures, midweek cold, end of week snowy and cold

Middle Atlantic Coastal: Beginning of week sunny, then flurries and cold, midweek seasonable, end of week cold temperatures and snow

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Dewart Livestock

Dewart, Pa.
Monday, December 16
Report Supplied by PDA

CATTLE 184: Compared with last Monday's market, slaughter steers unevenly steady...One Choice slaughter steer at 59.75, few Good 52.00-60, few Good and Choice holsteins 49.50-50.25, few Standard 42-48.75, few Utility 35.00-38...One Choice slaughter heifer at 58.00, one Good at 54.50, Utility & Standard 33.50-41...Breaking Utility & Commercial slaughter cows 36-38.50, few 40.50, Cutter & Boning Utility 33-36.50, few 37.50, Canner & Low Cutter 28.00-32, few 33.00, few Shells down to 21...Few Good slaughter bullocks 47.10-52.25, few Utility & Standard 37.00-43...Two Yield Grade No. 1 1345-1650 lbs. slaughter bulls at 46.00, few #2 1235-1315 lbs. 42.25-46.75.

FEEDER CATTLE: Medium Frame #1 345-545 lbs. steers 50.50-55, few #2 445-725 lbs. 45.00-47...Small & Medium Frame #1 365-545 lbs. heifers 42.00-45.50, few #2's down to 40.50.

CALVES 201...Vealers uneven...Few Choice vealers 84.00-89, few Good 55.00-58, Standard & Good 90-115 lbs. 46.00-55, 80-90 lbs. 43.00-47, 70-80 lbs. 38.00-44, Utility 55-75 lbs. 30.00-40.00...FARM CALVES: Holstein Bulls 90-135 lbs. 53.00-92, mostly 60.00-75...Beef Cross Bulls and Heifers 85-120 lbs. 47.00-50, one at 60.00.

HOGS 97...US No. 1-2 240-245 lbs. barrows and gilts 49-48.50, lot at 49.00, No. 2-3 225-255 lbs. 47.35-48.10, few 250-265 lbs. 45.10-45.25, lot No. 2-4 300 lbs. at 40.75...Few US No. 1-3 410-566 lbs. sows 37.50-40, one #3 485 lbs. at 36.50...Few Boars 28.00-31.25.

FEEDER PIGS 63...US No. 1-2 30-45 lbs. feeder pigs 31-38.50; No. 1-3 20-30 lbs. 19.00-29, few 35-45 lbs. 31.00-33 - all per head.

SHEEP 42...High Choice & Prime 40-60 lbs. new crop lambs 80.00-116, Choice 60-100 lbs. 60.00-66, few 74.00, Good 40-80 lbs. 51.00-61...GOATS 3: Large, one at 40.00, two Kids at 20.00 - all per head.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, Dec. 16
Report supplied by PDA

CATTLE 413. Slaughter cows $1.00 lower. Few Choice slaughter steers 58.25-60, Few Good 55-59.00, Standard 46-53.00, Few Utility 38.00-44.25. Few Good slaughter heifers 50-55.50, Standard 41.50-47, Utility 35.50-41.00. Breaking Utility & Commercial slaughter cows 34-37.25, Couple 40-41.25, Cutter & Boning Utility 31-34.50, Canner & Low Cutter 24-31.25, Shells down to 17.00. Individual Good slaughter bullocks at 52.25. Few Yield Grade No. 1 1100-2265 lbs. slaughter bulls, 42-46.00, Yield Grade No 2 900-1260 lbs. 38.50-41.00. FEEDER CATTLE: Steers Medium & Large #1 4-600 lbs. 50-65.60; Heifers Medium & Large #1 4-580 lbs. 46-51, Bulls Medium #1 4-680 lbs. 43-53.00. CALVES 134: Few Choice Vealers 80-84.00, Good 66-80.00, Standard & Good 90-120 lbs. 40-52.00, 60-85 lbs. 38-42.00, Few Utility 50-85 lbs. 24-32.00. FARM CALVES: Holstein bulls 90-125 lbs. 60-84.00. Choice & Good 250-350 lbs. slaughter calves 44-55.00. HOGS 179: Barrows & gilts $1.00-$1.50 lower. US No 1-2 220-255 lbs. barrow & gilts 46-46.25, No. 2-3 200-250 lbs. 44.50-45.50, No. 1-3 150-190 lbs. 35.00-37.00. Sows - US No 1-3 350-650 lbs. sows 36.00-38.00, No 2-3 300-550 lbs. 34.00-36.00. Boars 25.00-30.50.

FEEDER PIGS 6: Not enough of any one class to establish a market.

SHEEP 147: Wooled slaughter lambs steady. Choice 80-90 lbs. 68.00-69.00, Good 75-93 lbs. 61.00-64.00, Choice & Good 65-75 lbs. feeder lambs 63.00-66.00.

Slaughter Sheep 24.00-26.75.

GOATS 12: 10.00-24.00 per head.

New Holland Horse

New Holland Sales Stables
Monday, Dec. 16
Report supplied by auction

Reported receipts of 310 head of horses, mules and ponies.

Market lower.

Driving horses 250.00-600.00.

Riding horses 150.00-400.00.

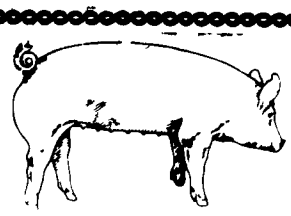
Lightweight killers 150.00-225.00; Heavyweight killers 250.00-350.00.

Mare ponies 30.00-70.00; Colts 10.00-20.00; Gelding ponies 30.00-70.00.

Larger ponies 100.00-150.00.

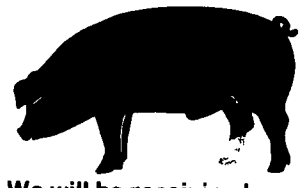
HAY & STRAW SALE
12:00 Noon
Every Wednesday
Westend of Avondale at the intersection of Baltimore Pike and Route 41.
Harvey Z. Martin
215-268-3604
(Office)
215-445-5303
(Residence)

SPECIAL NOTICE
Vintage Sales Stables, Inc.
HOLIDAY SALES SCHEDULING
Will start on
December 24, 1985 at 9 a.m.
December 31, 1985 at 9 a.m.
NOTHING ACCEPTED AFTER 2 P.M.
L. Robert Frame, Sr., President
Glenn S. Frame, Manager
717-442-4181
215-458-8518
717-442-4294



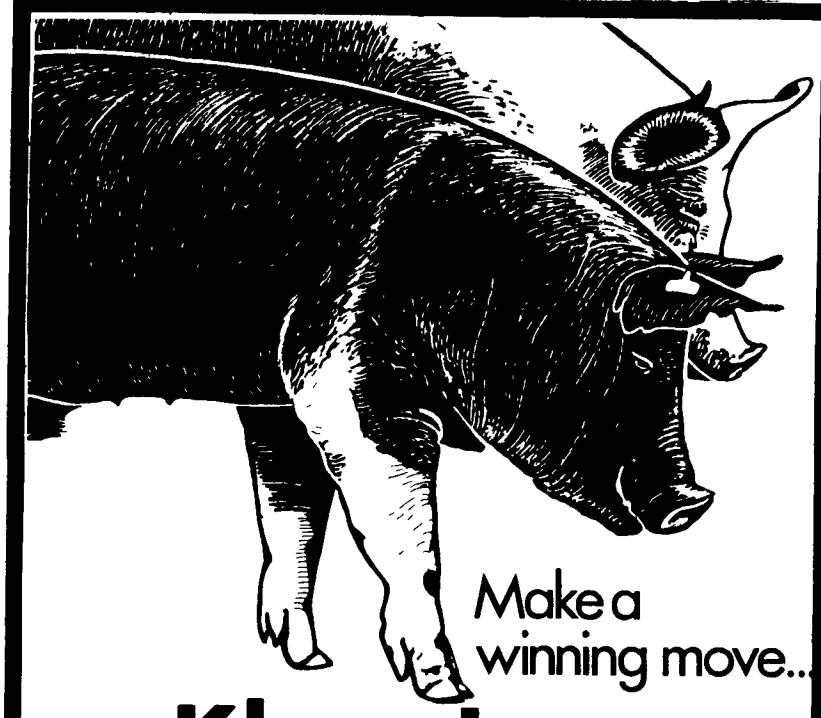
EMERY'S BUYING STATION
OPEN TO RECEIVE YOUR MARKET HOGS
AT THE GREEN DRAGON MARKET
RD 4, EPHRATA, PA 17522
1 MILE NORTH OF EPHRATA
ON NORTH STATE STREET.
HOURS: MONDAY, TUESDAY, and WEDNESDAY 6:00 A.M. to 11:30 A.M.
215-458-5677 Residence
717-733-9648 Office
YOU ARE PAID FOR YOUR HOGS IMMEDIATELY
Ken & Lois Emery, Proprietors

Gwaltney GWALTNEY of SMITHFIELD, LTD.



We will be receiving hogs at
Vintage Sales Stables in Paradise, Pa.
Mondays, Wednesdays, Thursdays
& Fridays from 7 a.m. to 12 noon
717-442-4742

ATTENTION YORK COUNTY HOG PRODUCERS
We will be receiving hogs at
Thomasville, Pa.
Tuesdays 7 a.m. to 12 noon
Futures forward contracts are available.
No commission, paid promptly.
York County - 717-792-9836



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Kleen Leen

Play to win with our complete Checker Mates Hog Breeding Program. It's the result of many years of genetic research.

It can pay off in bigger, healthier litters in the farrowing house thanks to the maternal heterosis of Checker Gilts. Plus, the money saving performance punch contributed by Checker Boars when your pigs reach the finishing house.

But it's more than boars and gilts. It's a complete breeding program aimed at making you a winner. .

Stop in and ask us about it today.

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PHONE 717-866 2324
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KEYSTONE MILLS
John B. Kurtz
PHONE 717 354 4616 717 738-1088
RD3, EPHRATA PA 17522

WEST WILLOW FARMERS ASSN., INC.
PHONE 717-464 3386
WEST WILLOW, PA 17583

Purina Dealer

HESS MILLS
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717 768 3301
PARADISE PA 17562

WOODSTOWN ICE & COAL CO.
PHONE 609-769-0069
WOODSTOWN N J 08098

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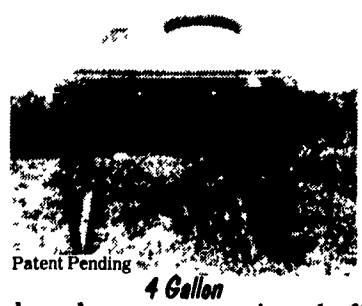

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4 Gallon

Drinkers have a new unique baffled drinking design manufactured from a durable poly product. A 2-hole 40 gallon and a 1-hole 4 gallon for all kinds of livestock, including horses, sheep, pigs, etc.

Manufactured By
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SHOW-EASE STALL CO.
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Lancaster, PA 17601
(717) 299-2536

REISTSVILLE AREA
LAPPS SHARPENING SERVICE
RD 2
Myerstown, PA 17067

DANIEL'S FARM STORE
330 Glenbrook Rd., Leola, PA 17540
(717) 656-6982
Dealer Inquiries Invited

FRIDAY, JAN. 17
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly Every 4 Weeks at 1:00 P.M.

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

Vaccinated for Lepto, Erysiplas, Rhinitis, E'Coli, Pasteuerella

Hand mated with Breeding Dates

Local Trucker Available
No Hogs Sold On Commission

CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer AU225L

NEXT SALE DATE FEB. 14

Livestock market and auction news

VIRGINIA MARKETS

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Dec. 14
Report supplied by auction

FEEDER CATTLE: Trend-Steady to 1.00 lower. STEERS: M&L-1 300-500 lbs. 57.00-63.25 few up to 66.00, 500-700 lbs. 54.00-63.50, 700-1000 lbs. 54.00-58.50, Holstein 300-1000 lbs. 37.10-44.25. S-L&M&L-2 300-500 lbs. 54.50-59.50, 500-700 lbs. 52.50-62.00. FEEDER BULLS: M&L-1 300-500 lbs. 55.00-60.00, 500-700 lbs. 45.00-51.25. S-L&M&L-2 500-700 lbs. 43.25-45.75.

HEIFERS: Steady to 3.00 lower. M&L-1 300-500 lbs. 44.00-53.50, 500-700 lbs. 45.00-51.25, 700-800 lbs. 45.50-50.00. S-L&M&L-2 300-500 lbs. 43.00-48.50; 500-700 lbs. 43.00-45.50.

STOCK COWS: Baby Calves 35.00-95.00 mostly 50.00-90.00.

SLAUGHTER COWS: Trend 1.00-1.50 lower. Utility & Commercial 2-4 30.75-36.50; Canner & Cutters 1-3 26.25-31.25.

SLAUGHTER BULLS 1 & 2: 37.00-44.00.

LAMBS: Trend 1.90 lower. Blue O High Choice & Prime 66.10; Red O. Choice 63.50; Feeder Lambs Choice 67.00; Slaughter Ewes 18.00-23.25.

HOGS: US 1-3 200-240 lbs. 46.00; Sows 1-3 33.50-44.50.

VEAL: Choice & Prime 1 @ 73.00 few 58.00-60.00.

SLAUGHTER CALVES: Good & Choice 45.00-52.75.

Central U.S. Carlot

Pork Report
Wednesday, Dec. 18
Report supplied by USDA

Compared to Tuesday's 4 00 P M. report, Fresh Pork Loins uneven, 14-22 lbs. $1 50-4.00 higher, 22&up lbs. $4.00 lower; Picnics 4-8 lbs. weak; Skd Hams $1.00-4.00 lower; Sdls Bellies $2.00-2.50 Lower. Trade Slow On Bellies, but Moderate On Other Cuts. Demand And Offerings Light To Moderate.

U S No 2 175 Lb Pork Carcass Cutout Value, Advanced $.48 To $65 18 Per Cwt Sales Reported On 46 Loads Fresh Pork Cuts And 2 Loads Of Trimmings And Boneless Processing Pork.

Fresh Pork Cuts

LOINS, REGULAR 14-18 lbs 103 50-106.00, 1.50-4 00 higher

14-18 lbs. 106 00-107 75 ship Dec 25-26.

18-22 lbs. 106 00, 4 00 higher

22&Up lbs 78 00, 4 00 lower

PICNICS:

4-8 lbs. 48.00, weak; 9&Up lbs few 45.00.

Spareribs (Frozen)

2 5-Dn lbs. 99.00.

3.5&Dn lbs. 92.00.

3.5&Dn lbs. 91.00 TIS.

Skinned Hams

17-20 lbs. 62.00-64.50, load 65 00 1.00-3.50 lower.

20-26 lbs. 60.00-61 00, load 61 50 4 00 lower.

26-32 lbs. 56.00.

Bellies (Sdls., Skin On)

12-14 lbs. 62.00, 2.00 lower.

14-16 lbs. 62.00, 2.00 lower

16-18 lbs. 56.50, 2.50 lower

20-25 lbs. 41.50-43.00.

Pork Trimmings

Boneless Processing Pork (Chemical Lean)

42% Lean Trmgs Fresh 32.00-32.50, 1.00 higher.

Cured and Processed Pork:

Smoked Hams (Water Added)

16-19 lbs. 84.00-87.00.

19-23 lbs. 79.00-83.00

Picnics:

4-7 lbs. 62.00-67.00.

No. 1 Bacon

1 lb. pack 121.00-150.00

Lancaster County Weekly

(Continued from Page A2)

BULLOCKS Few Choice 2-3 1050-1300 lbs 57 75-59.25; Good 1-2 1000-1350 lbs. 48.00-57.00.

BULLS: YG 1 1300-2000 lbs. 45.00-51.00, couple 53.00-58.00; YG 2 1000-1450 lbs 42.00-48.00, several 900-1100 lbs. 39.00-44.00.

VEAL CALVES· Vealers 5.00-10.00 lower, although high Good & low Choice 80-110 lbs. firm to higher; sl. calves 5.00-10 00 lower Demand good for holstein bulls to return to farm

VEALERS: High Choice & Prime 225-325 lbs. 80 00-103.00; Choice 140-300 lbs. 70.00-90.00; high Good & low Choice 140-300 lbs. 57.00-70.00, 110-140 lbs. 47.00-65.00, 80-110 lbs. 45.00-48.00; few Standard 60-90 lbs. 25.00-35.00.

SLAUGHTER CALVES. Good and Choice 270-450 lbs. 45.00-57.00, few 450-550 lbs. 30.00-42.00.

RETURNED TO FARM: Bulk 100-125 lb. hol. bulls 70.00-90.00, around 175 head 90.00-97.00, several mainly small frame 100-115 lbs. 70.00-75.00, few 90-100 lbs. 40.00-60.00.

Lancaster Feeder Cattle

Lancaster, Pa.
Friday, Dec. 13
Report supplied by USDA

Today	995
Last Friday	511
Last Year	382

TREND: No recent price comparison available. Supply mostly odd lots, mixed $1-2 muscled steers.

FEEDER STEERS

MEDIUM-LARGE #1: 500-600 lb. 53.50-55.00; 600-800 lb. 54.00-59.75; 800-1000 lb. 51.00-58.00.

MEDIUM-LARGE #1-2: 500-700 lb. 46.00-50.00; 700-1000 lb. 40.00-45.00.

LARGE #2 HOLSTEINS: 400-700 lb. 42.75-45.00; 800-1100 lb. 36.00-42.00.

FEEDER BULLS

MEDIUM LARGE #1-2: 500-600 lb. 31.00-34.00; 600-900 lb. 38.00-45.00.

ATTENTION FARMERS

The New Way To Market Your Livestock

EVERY MONDAY **HATFIELD PACKING CO. WILL RECEIVE YOUR HOGS**

EVERY THURSDAY **MOYER PACKING CO. WILL RECEIVE YOUR CATTLE AT THE**

BLAIR-BEDFORD BUYING STATION
RD #1, Martinsburg, PA

- Every Monday we will receive your hogs from 7:30 a m to 11 a m Also, calves from 7:30 a m to 3 p m Your animals will be weighed & paid for immediately
- We will also accept your sows and boars
- Your Butcher Cattle & Calves will be received from 8 a m to 12 noon every Thursday We will either pay you for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check
- You may call our office Monday mornings and we will be able to tell you the base price for hogs for the day

DALE R. HOOVER - Owner
Blair-Bedford Buying Station

Business Phone 814-793-3077 **Residence Phone 814-793-2657**

CHRISTMAS

At this glittering time of the year we send wishes for your happiness, glowing with bright hope for the future.

We look forward to serving you again

FROM THE STAFF AND MANAGEMENT OF NEW HOLLAND SALES STABLES, INC.

WARMER UPPER INSULATED BOOT

SIZES 7½-13 D EE

Sizes and widths vary by style

2195

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You've earned your Wings!

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LIVESTOCK HAULING
Dependable Service
6 Possum Bottom Tractors and Trailers
Call Anytime

Vintage Sales Stables, Inc.
L. Robert Frame Manager

Office	717-442-4181
Office & Home:	215-458-5060
Office & Home:	215-458-8518

A Merry Christmas and Prosperous New Year

FROM ALL OF US TO ALL OF YOU—

Clay Aument
Harry I. Bear
Henry A. Brown
Henry R. Brown
James C. Dunlap
Walter M Dunlap, Jr
Louis L Edwards
Eugene Ellis
John Fisher
Enos K. Good
Glenn C Hart
Frank Hoover
Leon G Hoover
Lois L Hoover
Walter Kellenberger
Mary Kimball
Roy H Lefever
J Albert Nagle
Ivan H Nolt
Paul Nolt
Donald E Ober
Reba M Ober
Leslie Readinger
Joe Reiff
Titus G Reiff
Noah Reiff
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Thomas B Sharp
Kenneth L Smoker
Omar Smoker
Earl M. Stoudt
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WALTER M. DUNLAP AND SONS

CRIPPLED AND DISABLED
Cows, Steers & Bulls For Slaughter Under USDA Inspection
Call Wayne Taylor
717-866-6289
215-286-9400

Lebanon, Berks, Lancaster & Chester Counties

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Understand Firewood Volume Terms

Energy costs are continually going up and many people are using wood burning stoves as a means of reducing oil, electric or gas use. This means buying more firewood.

It is a good idea to know what you are buying. Some firewood sellers may offer such "measurements" as face cord, rack, stack, truckload or "pile" and buyers often believe they are getting a cord.

A "cord" is defined by Pennsylvania law as "the amount of wood which is contained in a space of 128 cubic feet when wood is ranked and well stowed." This means a neatly piled rank of wood four feet high, four feet wide and eight feet long. Those selling fuel wood are liable under the law when they use the term "cord" alone.

A "face cord" which is a term widely used is a neatly piled rank of wood four feet high, eight feet long and as wide as the lengths of the sticks of wood. If the pieces are 16 inches long, you have one-third of a cord of wood.

It pays to know the amount you agree to buy.

To Control Livestock Parasites

The winter feeding programs are underway and parasite infested livestock are poor money makers. Body lice are often found on nearly all species of livestock. In cold weather the heavy hair coats make it difficult to eradicate these pests.

For best results, use two treatments at 12 to 14 day intervals. Some cattle operators will have automatic louse control devices filled with an insecticide. This is excellent and efficient–if the materials are kept in the equipment.

In milder weather cattle can be sprayed with the material using cold water. Stomach worms should also be eradicated in order to make the best use of feeds. Your local veterinarian can check fecal samples to determine the infection. You cannot afford to operate with parasite infestation of any kind.

To Protect Small Pigs

Cold weather is here and many small feeder pigs are not given sufficient protection. In our modern open-fronted finishing houses the small pigs may become too cold and come down with digestive and respiratory problems.

We suggest that the pens be covered with boards, or other materials to form a hover over the back part of the pen. This will help maintain body heat and reduce the chance of any drafts over the smaller pigs. When the pigs pile up during cold weather, they are not warm enough. You may want to use heat lamps, or other forms of supplemental heat, on the small pigs during very cold weather.

To Protect Trees and Shrubs

Your trees and shrubs will be able to withstand the winter conditions in better shape–with a little help from you. Some winter protection might help save your valued trees and shrubs.

Thin-barked trees can be damaged by sunscald in the winter. That's why it's a good idea to wrap the trunks of such trees as sugar maple, tulip tree, American linden, flowering dogwood and plum. You can wrap them now but be sure to take the wrapping off late next spring. You can use commercial tree wrapping, starting at the ground level and working up the tree, overlapping about every half-inch. Tie the wrap with twine or use a waterproof tape several places along the stem.

Smaller ornamentals should be mulched; this will not keep the soil from freezing but it helps the soil frozen to prevent root injury caused by alternate freezing and thawing of the soil.

The mulch should be loose, but it should stay where you put it. Shredded bark does a good job.

Merry Christmas to All!

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

STRANGERS AT THE MANGER

December 22, 1985

If Luke's shepherds seem, by virtue of humble nature, somewhat inappropriate and surprising, Matthew's wise men from the East may appear to be even more incongruous. We can assume the shepherds were at least Jews (although they may not have been!), but Matthew's wise men are obviously not from any of Israel's tribes. Matthew tells us simply that they were from "the East." We know nothing else of who they were or from whence they came, but some Biblical scholars believe they came from somewhere around or beyond the Tigris/Euphrates Valley, possibly Persia.

THE EASTERN STAR

There's irony for you! It is possible that they came from the same corner of the world from which today there issues forth the most virulent and militant brand of Islam. If ever there was a wall of alienation between Christianity and other faiths, it certainly exists today betwen Christians and Iranian Moslems.

There's another irony in Matthew's story of the wise men. Many authorities today believe that the wise men were probably astrologers, perhaps Zoroastrians. It was their study of the heavenly bodies and their influence upon life and world events that led them to Bethlehem to look for Jesus. Yet, they were not either Christians or even proto-type Christians. Today, wise men following such practices and beliefs would not likely be very welcome at the manger if Christians were in charge of determining who is to be allowed in. If one thinks deeply about Matthew's story of the Nativity, we might get pretty indignant with God for letting into the stable of Bethlehem these "heathen" strangers.

SEEING THE STARS

But, isn't the Christmas story telling us that there can be no strangers at the manger of Bethlehem? Jesus was a Jew who was recognized as the long-awaited King of the Jews, but Matthew helps us to realize that Jesus' birth was meant as good news to all people everywhere. No one can be strangers at the manger if they have seen and are trying to follow his star.

Jesus's nativity fulfilled the hopes of his own people, but he was intended to come to fulfill the hopes of all people everywhere. He did not belong to the Jews and he does not belong to the Christians today. If anything, it is that we are his, not he is ours. He is just as much the Saviour of people beyond our church walls as he is of those within them. Even if people do not acknowledge him, he is still no less the saviour of the world.

Thus, there are no strangers at Christ's manger. Only those who have come to worship and serve him.

Six firms considered for State's Agribusiness Award

HARRISBURG – Six diversified Pennsylvania agribusiness firms are being considered for the prestigious Pennsylvania Agribusiness Award, according to State Agriculture Secretary Richard E. Grubb.

"Portfolios of several impressive companies are being evaluated by a special selection committee, who will make a recommendation for the sixth presentation of the award to take place at the 1986 Farm Show Dinner, January 12 at the Harrisburg Marriott," said Grubb. "The firms under consideration are just a small example of the state's number one industry, which generates $35 billion in sales annually."

Nominated for the award are: Shaw Brothers, Inc. of Newry, Blair County, processors of bologna and related meat products; Kutztown Country Fresh Foods of Myerstown, Lebanon County, meat processor and distributor of poultry, vegetable and seafood products; Kessler's Inc. of Lemoyne, Cumberland County, manufacturer and distributor of processed meats and cheeses to retailers, institutions and farmers' markets; and Gibbles of Chambersburg, Franklin County, processor of potato chips and snack foods.

Also in the running are Phillips Lancaster County Swiss Cheese of Gordonville, Lancaster County, manufacturer and distributor of a variety of cheeses and operator of retail outlet and truck distribution center; and Spring Glen Farms Kitchen of Ephrata, Lancaster County, professor of jams, jellies, relishes, honey and Pennsylvania Dutch specialists.

Grubb said that the presentation of the Agribusiness Award is based upon four criteria, including participation in one of the two logo programs administered by the State Department of Agriculture. "The logos, 'Pennsylvania Agriculture--We're Growing Better,' created for use with primarily intrastate goods, and 'Keystone Pride' for interstate and processed food products, are designed to specifically identify Pennsylvania goods in the marketplace," said Grubb. More than 2,000 firms incorporate either logo on their products or at points of sale.

One of the two logos must be incorporated into the firm's label, package or shipping carton or used extensively in company advertisements. Judges give consideration to longevity of participation in the program(s); the firm's overall effort to promote Pennsylvania products; the firm's marketing area; and the number of consumers reached by the firm, measured by sales data.

In addition, the company must produce a high quality product that meets all state and federal regulations. Processing firms must use a specified percentage of raw Pennsylvania products in the final processed product; merit points are also awarded for additional use.

The three-member selection committee which meets December 20, includes: Barry Wickes, Director of Local Chamber Services, Pa. Chamber of Commerce; Vernon Miller, field representative, the Pennsylvania Grocers Association; and James Everhart, editor of Lancaster Farming newspaper.

Farm Calendar

Saturday, January 4

Lebanon County Beef and Swine Roundup, Lebanon County Fairgrounds.

Cumberland County Extension Farm Financial Workshop, Extension Building, Carlisle, 9:45 a.m.

November milk output up 10 percent over '84

WASHINGTON – U. S. milk production in November surpassed year-earlier levels for the ninth straight month, USDA officials said.

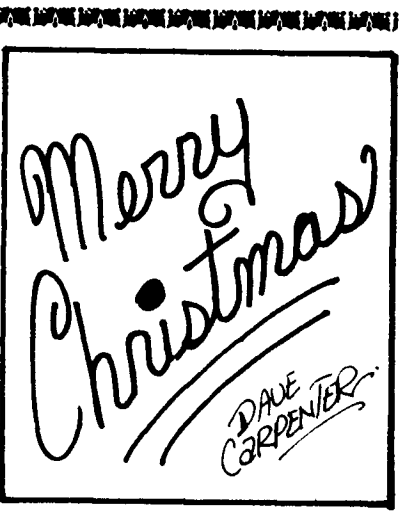
The nation's milk output was 11.57 billion pounds, an increase of 10 percent over November 1984 totals.

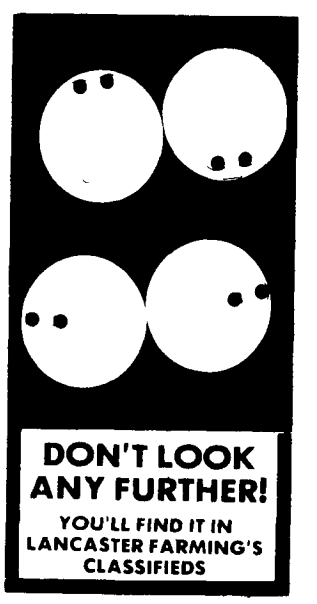
Cow numbers climbed about 3.4 percent over 1984 levels, to 11.19 million, while production per cow was up 6.4 percent to 1,035 pounds.

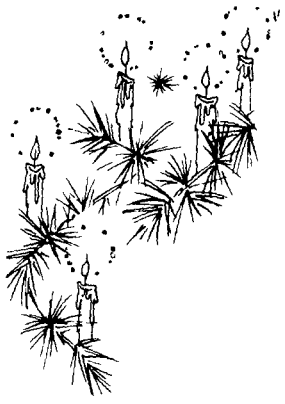
In Pennsylvania, production was up 12 percent to 842 million pounds. Cow numbers averaged 745,000, 10,000 more than year-earlier totals. Production per cow was up 105 pounds, to 1,130.

In the Mid-Atlantic region, New York's production was up eight percent to 939 million pounds, while in Maryland, milk output was 144 million pounds, an increase of 14 percent over last November's total.

Around the country, Wisconsin and Minnesota were up 10 percent and California was up 11 percent among the leading dairy states.







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COMPANY, INC.

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Dear Friends,

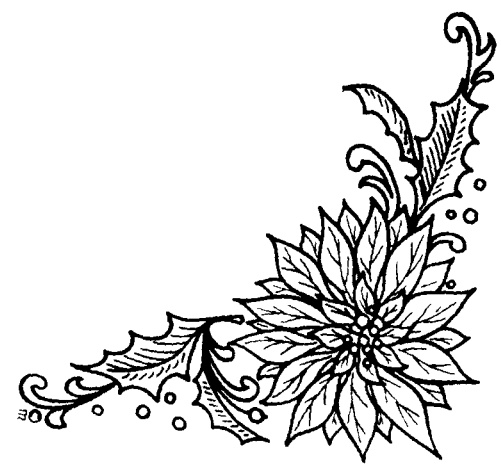
The friendship of those we serve is the foundation of our progress.

During the year, in the rush of events, we tend to overlook the important friendships that are the true basis of business relationships. One of the great pleasures of the Holiday Season is the opportunity to exchange cordial greetings with those whose friendship and goodwill we value so highly.

In this spirit, our management and staff, want to say "Thank You" and extend our sincere appreciation for the very pleasant association we enjoy with you.

Merry Christmas and may a bright New Year bring you Health, Happiness and Prosperity.

Sincerely,
Joyce A. Hershey
Donald C. Hershey



Livestock market and auction news

St. Louis Cattle

Thursday, Dec. 19
Report Supplied by USDA

Receipts this week	3,900
Week Ago	4,000
Year Ago	4,700

Compared to last week's close, slaughter steers weak to .50 lower. Slaughter heifers .50-1.00 lower. Cows fully 4.00-5.00, instances 6.00 higher. Bulls fully steady. Slaughter supply mainly choice steers and heifers, around 20% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1075-1300 lbs. 62.50-63.50; overal 63.00. Choice 2-4 950-1250 lbs. 61.50-63.00, closing 62.00-63.00. Mixed good and choice 2-3 900-1225 lbs. 60.00-62.50. Good 2-3 900-1200 lbs. 58.50-60.50. Mostly good 2-3 1050-1400 lb. holsteins 47.00-53.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1100 lbs. 60.00-60.50, load and part load 1050-1125 lbs. 61.00. Choice 2-4 825-1075 lbs. 59.00-60.00. Mixed good and choice 2-3 800-1050 lbs. 57.50-59.00. Good 2-3 750-975 lbs. 55.00-57.50.

COWS: (Closing week sales) Breaking utility and commercial 2-4 32.00-35.00. Cutter and boning utility 1-2 35.00-37.00. High-yielding cutter and boning utility 1-2 37.00-38.00, few up to 39.00. Canner and low cutter 1-2 32.00-36.00. Shelly canner 1-2 29.00-32.00.

BULLS: YG 1-2 1100-1900 lbs. 40.00-44.00, few yield grade 1 at 45.00.

Wednesday's weekly sheep auction. Receipts around 325 head. Slaughter lambs 3.00-5.00 lower than last week. Slaughter ewes steady. Feeder lambs 4.00-5.00 lower. Quality decline from previous week. Many small lots.

SLAUGHTER LAMBS: Choice and prime 100-115 lbs. 54.00-57.50; reputation package 59.00.

SLAUGHTER EWES: Few cull to utility 14.50-17.00, package utility 21.00.

FEEDER LAMBS: Choice and fancy 40-80 lbs. 52.00-56.00. Choice 45.50-49.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, Dec. 11
Report supplied by auction

Reported receipts of 134 cows, 179 heifers, and 4 bulls.

Market steady.

Load of PA fresh cows, 635.00-950.00.

Load of Canada fresh cows, 750.00-835.00 springers 750.00-900.00.

Load of PA fresh cows, 660.00-860.00.

Load of PA fresh cows, 540.00-1175.00.

Load of PA fresh cows, 630.00-1020.00.

Load of Wisc fresh cows, 620.00-1175.00.

Load of NY fresh cows, 675.00-1150.00.

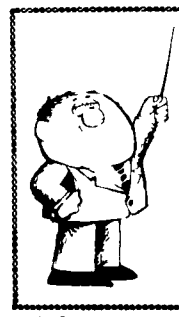
Load of PA cows, 660.00-1010.00.

Locally consigned cows 490.00-1100.00.

Springing heifers 525.00-790.00.

Open heifers 260.00-450.00.

Bulls 360.00-535.00.



A LESSON WELL LEARNED...

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East Coast Carlot

December 18, 1985
Report supplied by USDA

East Coast Carlot meat trade delivered prices (caf) Boston to Washington area include.

Compared to Tuesday's close: Special fed veal steady to 2.00 higher good and choice boning veal uneven; Locals steady to weak, inshipped 1.00 higher than Monday. Carcass lamb unestablished, generally steady tone. Limited sales of boneless beef 2.00 to 3.00 higher than last week; no comparison available for trimmings.

Veal Carcass
Choice & Prime
(Special Fed)
Hide On 200 Head

220-280 lbs. 170.00-175.00, steady-2.00 higher.

Good and Choice
Boning Type
Hide On

NORTHEASTERN SUPPLIERS: 1000 head. 65-75 lbs. 70.00-73.00, steady-weak; 55-64 lbs. 68.00-71.00; 45-54 lbs. 66.00-69.00; 35-44 lbs. 64.00-67.00; 34 lbs. down 62.00-65.00.

Inshipped
1400 Head

71-80 lbs. 73.00, 1.00 higher than Monday; 61-70 lbs. 71.00; 51-60 lbs. 69.00; 41-50 lbs. 67.00; 30-40 lbs. 65.00.

Boneless Beef
Trimmings
4 Load

90% Chem Lean, Fresh 101.00, 2.00-3.00 higher than last week.

Beef Trimmings
2 Loads

65% Chem Lean, Fresh 69.00, no comparison.

Joliet Cattle

Thursday, Dec. 19
Report Supplied by USDA

Receipts this week about 1700, a week ago 1231, and a year ago 1868. Slaughter steers and heifers ended the week steady, instances 50 lower.

SLAUGHTER STEERS: Choice 2-4 1100-1350 lbs. 63.00-65.50, load Monday 66.25. Mixed good and choice 2-3, 1000-1200 lbs., 61.00-63.50.

SLAUGHTER HEIFERS: Choice 2-4 950-1050 lbs, 60.50-62.50. Mixed good and choice 2-3, 850-1050 lbs., 57.00-60.50.

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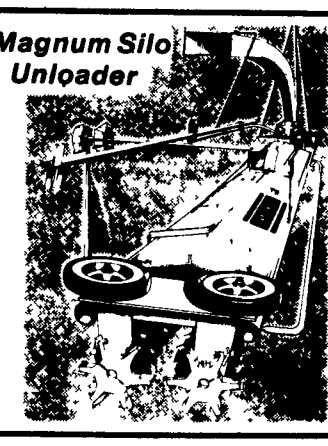

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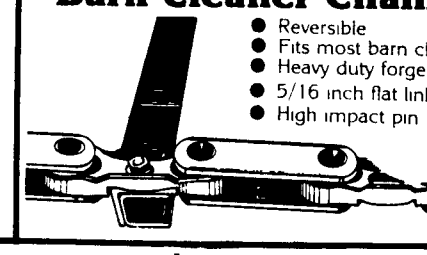

"NEW" SUPREME #428 TURBO RING-DRIVE SS
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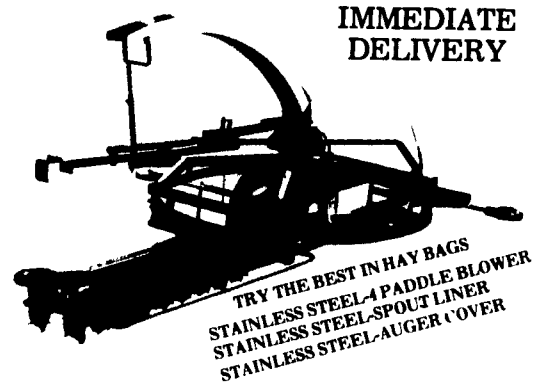

TRY THE BEST IN HAY BAGS
STAINLESS STEEL-4 PADDLE BLOWER
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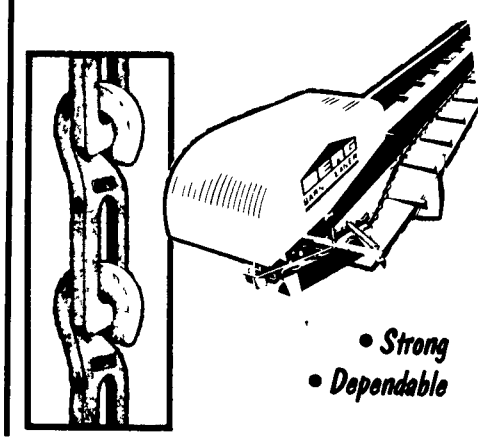

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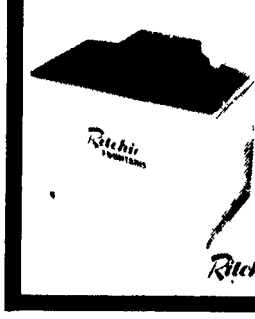

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Livestock market and auction news

New Wilmington Livestock

New Wilmington, Pa.
December 16, 1985
Report supplied by PDA

CATTLE 257: Compared with last Monday's market, slaughter cows .50 to $1.00 higher...One Choice slaughter steer at 61.00, few Standard 44.00-49, Utility 36.50-42...Few Choice slaughter heifers 58.50-63.75, few Good 49.50-52.50, Standard 42.00-50, Utility 34.00-40...Breaking Utility & Commercial slaughter cows 35.00-37, Cutter & Boning Utility 31-35.50, Canner & Low Cutter 23.40-31.25, Shells down to 18.50...Couple Good slaughter bullocks 50.00 & 50.25...Few Yield Grade No. 1-2 1080-1725 lbs. slaughter bulls 41.75-44.25.

FEEDER CATTLE: Medium Frame #2 465-600 lbs. steers 38.00-47...Medium Frame #1 3-510 lbs. heifers 38.00-46, Medium & Large #1 590-770 lbs. 36.00-44, few 46.00-49, Medium & Large #2 370-700 lbs. 25.00-35...Medium & Large #1 415-740 lbs. bulls 40.00-50.00.

CALVES 297...Couple Choice vealers 97.00 & 98, Good 66.00-82, Standard 48.00-60, Standard & Good 90-120 lbs. 32-47.50, 60-85 lbs. 20.00-38, Utility 5.00-20.00...FARM CALVES: Holstein Bulls 95-130 lbs. 50.00-73.

HOGS 379...Barrows and gilts $1 higher...US No. 1-2 250 lbs. barrows and gilts 48-49.25, couple lots 49.85 & 50.50, No. 2-3 210-260 lbs. 46.00-48, No. 2-4 220-270 lbs. 44-45.25, No. 1-3 160-190 lbs. 38.50-41.50...SOWS MOSTLY $2 LOWER...US No. 1-3 275-635 lbs. sows 35-42.50, few No. 2-3 350-650 lbs. 32.00-35...Boars 28.50-32.25.

FEEDER PIGS 16...Few No. 1-3 15-25 lbs. feeder pigs 10.00-20, few 35-50 lbs. 26.00-39 - all per head.

SHEEP 138...High Choice & Prime 90-115 lbs. wooled slaughter lambs 60.00-70, couple to 72.00, Good & Choice 95-100 lbs. 50.00-65; Good & Choice 50-85 lbs. feeder lambs 50.00-70.00...Slaughter ewes 2.00-29.00.

Oklahoma National Stockyards

Wednesday, Dec. 19
Report Supplied by USDA

Feeder steers and heifers steady to 1.00 lower. Light run; lack of load lot availability narrowing outlets. Slaughter cows steady to 1.00 lower. Few slaughter bulls steady. Both feeder and slaughter demand fair. Actual auction sales 1019 head, about 22% cows and bulls.

FEEDER STEERS: Medium few large frame 1 300-500 lb. 67.00-72.80; 500-600 lb. 59.50-66.80 mostly 63.00 up, load 620 lb. slightly thin 63.40; few lots 650-725 lb. 59.10-61.30. Medium and large frame mixed 1-2 300-500 lb. 62.00-67.00, few 600-700 lb. 57.00-59.50. Mixed small and medium frame 1 335# 64.50; 450# 66.00; 525 lb. 62.40. Medium and large frame 2 400-525 lb. 56.25-63.00. Large frame 2 holsteins 830 lb. 38.00.

FEEDER HEIFERS: Medium frame 1 300-450 lb. 58.50-61.30; 500-600# 52.10-56.30. Medium and large frame mixed 1-2 300-450 lb. 52.00-57.50; 575-700 lb. 51.75-53.75. Medium and large frame 2 370 lb. 52.00; 550-700 lb. 45.50-50.00.

SLAUGHTER COWS: Breaking utility and commercial 2-4 33.60-36.30. Boning utility 1-2 34.00-36.80. Cutter 1-2 few 32.00-33.75. Canner and lowdressing cutter 26.00-32.50 mostly 28.00-32.25.

SLAUGHTER BULLS: Y.G. 1 1200-1600 lb. 40.00-48.00 mostly 44.00-45.00.

REPLACEMENT OR FEEDER COWS: Small and medium frame 1-2 young 38.00-39.50; Pkg. middle aged 34.25; small lot aged 30.50.

WEEKLY TRENDS: Feeder steers and heifers under 550# $1.00-300 higher; steers over 550# steady to 1.00 lower; heifers over 550# 1.00-1.50 lower. Slaughter cows 1.00 higher. Slaughter bulls 1.00-2.50 higher.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, December 19
Report supplied by Auction

CATTLE: 348. Cows 2.00-3.00 higher; few Good steers 55.00-57.00; few Good & Choice holsteins 1200-1470 lb. 47.00-51.00; Standard 43.25-46.75; Cows Breaking Utility & Commercial 36.85-40.35; Cutter & Boning 33.85-37.50; Canner & Cutter 30.85-34.50; few Yield Grade No 1 bulls 1250-1550 lb. 44.85-46.50; few No. 2, 700-1200 lb 37.00-42.75.

FEEDER CATTLE: Steers few Medium No. 1, 400-800 lb. 48.50-52.50; few Large No. 2, 470-850 lb. 42.00-43.50; heifers few Med. 1, 430-550 lb. 42.50-47.00; few Large No. 2, 350-650 lb. 33.50-37.00; bulls few Medium 1 & 2, 300-800 lb. 39.50-47.00; few Large No. 2, 300-800 lb. 38.50-41.00.

CALVES: 398. Few Choice 75.00-91.00; few Good 64.00-76.00; Standard & Good 110-125 lb. 48.00-51.50; 85-110 lb 45.00-50.00; 70-85 lb. 38.00-46.00; holstein bulls 90-125 lb. 48.00-106.00.

HOGS: 33. One lot of No. 1-2, 245 lb. 47.00; No. 1-3 sows 350-670 lb 36.50-38.00.

SHEEP: 16. Choice 85-110 lb. 64.00-65.00; Good & Choice a few 75.00-110.00 lb. 58.50-62.50.

Indiana Livestock

Homer City, Pa.
Thursday, December 19
Report supplied by PDA

CATTLE: 206. Cows 1.50-2.00 higher; few Good steers 54.00-58.00; Standard 44.50-54.00; few Good heifers 51.00-56.00; Standard 41.00-47.00; Breaking Utility & Commercial cows 35.50-39.00; Cuttern & Boning 32.75-36.00; Canner & Cutter 28.00-33.00; Yield Grade No. 1, bulls 43.50-48.00; No 2, 1000-1400 lb. 39.00-42.75; steers few Med. 1, 480-600 lb. 49.00-54.00; heifers Med. No. 1, 360-700 lb. 37.50-44.00.

CALVES: 153. Couple Choice 81.00 & 84.00; few Good 65.00-72.00; 90-120 lb. 42.00-49.00; 60-85 lb. 38.00-44.00; holstein bulls 90-125 lb. 60.00-72.00

HOGS: 108. 1.25-1.75 higher; No. 1-2, 204-250 lb. 48.25-49.25; No. 2-3, 200-245 lb. 47.00-48.00; few US No. 1-3, sows 36.00-38.50.

FEEDER PIGS: 72. 35-50 lb. 19.00-25.00; 60-65 lb. 27.00-33.00 all per head.

SHEEP. 21. Choice 80-115 lb. 64.00-66.00.

We're sending you our best wishes for a very happy holiday! Thanks!

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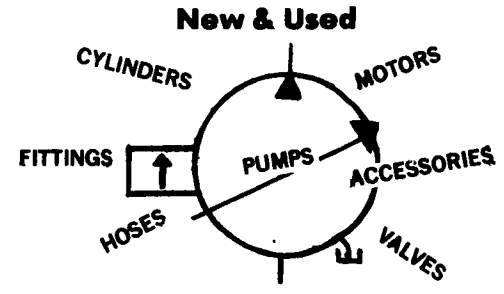
HYDRAULICS
New & Used



Inventory Reduction Sale
10% OFF
ALL STOCK
NOW THRU DEC. 31st

We Appreciate Your Goodwill & Friendship And Express Warmest Wishes To You & Your Family For A Wonderful Holiday Season, And A Happy New Year

BEILER HYDRAULICS
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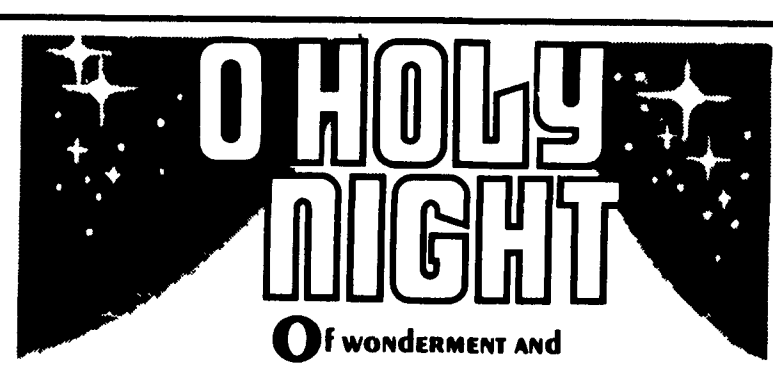
P.S. Thank You! It Was A Pleasure Doing Business With You Again In 1985.

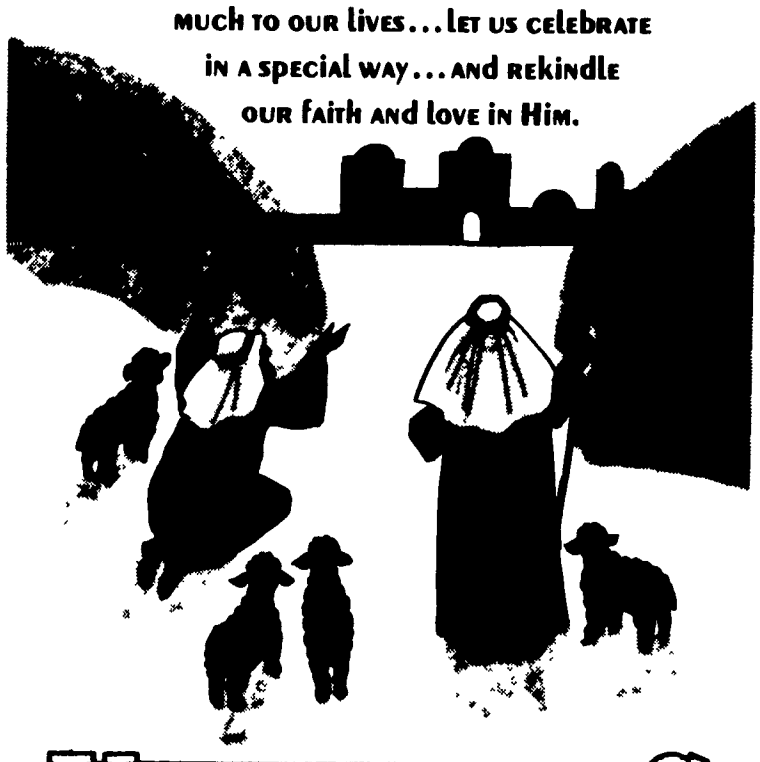
SADDLE UP!

TO BETTER EQUIPMENT
Find It In Lancaster Farming's Classified Pages.

O HOLY NIGHT



Of wonderment and peace... a child was born to light the way for all mankind. His birth means so much to our lives... let us celebrate in a special way... and rekindle our faith and love in Him.



KELLER BROS. TRACTOR CO.
SINCE 1921

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Lititz, PA 17543
Lancaster County

RD 7, Lebanon, PA 17042
Rt. 419 - 1 Mile West Of
Schaefferstown (Buffalo Springs)

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Forry's AG SERVICE INC
Lancaster, Pa.

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2020 Horseshoe Rd., Lancaster, PA

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(Granular Fertilizer Also Available)
OVER 36 YEARS EXPERIENCE
Using Modern Applicating Equipment For Every Size Job.
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SOIL TEST NOW
Call 717-397-0035

Peoria Cattle

Thursday, Dec. 19
Report Supplied by USDA

Trading slow to moderate on moderate supply. Pre-holidy demand moderate from most buying interests. Yields generally less than buyer expectations. Slaughter steers closed weak to 1.00 lower, except holstein steers firm to 1.00 higher. Slaughter heifers 1.00 to 1.50 lower. Cows mostly 1.00-3.00 higher. Bulls firm to 1.00 higher. Supply mainly good to average choice slaughter steers and heifers with 12% cows. Estimated receipts this week about 2200 as compared to 2230 a week ago and 2250 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3 1050-1300 lbs. 62.00-64.25, 3 loads 65.00; 1000-1050 lbs. 62.00-63.00. Mixed good and choice 2-3 1000-1200 lbs. 60.50-62.00. Good 2-3 900-1050 lbs. 57.00-61.00. Choice, few good 2-3 Holsteins 1280 lbs. 56.00. Package Good 2-3 53.50.

SLAUGHTER HEIFERS: Choice 2-4, mostly 3 950-1150 lbs. 60.50-61.50, load 62.00; 900-950 lbs. 59.00-61.00. Choice 3-4 1000-1100 lbs. 60.00-60.50; Mixed Good and Choice 2-3 900-1100 lbs. 57.00-60.00. Good 2-3 800-950 lbs. 56.50-59.50.

COWS: Cutter and boning utility 1-2 30.00-35.00. Canner and low cutter 25.00-32.00.

BULLS: YG 1-2 1100-2000 lbs. 38.00-44.00.

Jersey Shore, Pa.

Thursday, December 12
Report Supplied by Auction

Return to Farm Calf 60.00-90.00.
Good Veal 45.00-60.00.
Common Veal 32.00-40.00.
Choice Steers 61.00-66.00.
Good Steers 55.00-62.00.
Common Steers 44.00-54.00.
Commercial Cows 33.00-38.00 one 40.00.
Canners-Cutters 29.00-32.00.
Shells 24.00-30.00.
Choice Heifers 64.00-66.00.
Good Heifers 52.00-58.00.
Common Heifers 37.00-51.00.
Good Feeders 50.00-55.00.
Common Feeders 29.00-49.00.
Bulls 40.00-45.00.
Good Hogs 45.00-47.25.
Heavies 42.00.
Roughs 27.00-28.00.
Lambs 50.00-55.00.
Eggs 58.00-89.00.

Philadelphia Wholesale Fruit and Vegetable Report

Monday, Dec. 9, 1985
Report Supplied by USDA

FRUIT

APPLES: ABOUT STEADY. Ctn cell pack, WA Golden Delicious USExFcy 96s 21.00-22.00, 120s 18.00; ctn tray pack, WA Red Delicious WaExFcy 64s 20.50-23.50, 72s 20.50, 88s 19.00, 100s 18.00, 113s 17.00, USExFcy 64-72s 20.00, 88s 19.00-20.00, one label 22.00, 88s 18.00-18.50, 100s 17.50-18.00, 113s 18.00; Golden Delicious USExFcy 88s 20.50, 100s 15.50-16.50, 113s 14.50-15.50, 125s 13.50-14.00; VA Comb USExFcy-Fcy Red Delicious 64-88s 11.00, 100-125s 9.00; Red Romes 56-80s 11.00-12.00; Golden Delicious 113s 9.00-10.00; WV Comb USExFcy-Fcy Red Romes 64-88s 11.00-12.00, 100s 10.00, 113s 9.00-10.00; Golden Delicious 113s 9.00-10.00; NJ Comb USExFcy-Fcy Red Delicious 64-80s 12.00, 88s 11.00; Red Romes 64-88s 11.00-12.00, 100s 10.00, 113s 9.00-10.00; Granny Smith 64-88s 13.00-14.00, 100s 12.00, 125s 10.00; ID red Delicious USExFcy 72s 18.50, 100s 16.50, 113s 15.50, USExFcy 100s 14.50; Golden Delicious USExFcy 113s 14.50; MI Red Delicious USExFcy 88s 13.50, 100s 13.00, 138s 10.50; PA Red Delicious USExFcy 72-113s 9.50-10.00, Comb USExFcy-Fcy 64-88s 11.00, 100-125s 9.00, USFcy 48-113s 8.00-9.00; CA Granny Smith USFcy 56-64s & 88s 15.00; FRANCE Granny Smith 88s 21.00-22.00, 100s 20.00-22.00, 113s 18.00, 125s 16.00; 12-3 lb film bags 2¼" min USFcy PA Winesaps 6.60; Red Delicious 6.60-7.20 few 5.00; Stayman, Golden Delicious, & MacIntosh 6.60-7.20; VA & WVA Stayman, Golden Delicious, Red Delicious & MacIntosh 6.60-7.20.

CRANBERRIES: MASS ctn 24-12 oz film bags Late Howes 18.00-20.00.

GRAPES-TABLE: ABOUT STEADY. CA 23-lb lug Calmeria 11.50, one label 12.00-13.00; Emperor 10.00-11.00, film bags 8.50-9.00; Ruby Seedless 14.00-15.00, fair cond 10.00, film bags 14.00-15.00, 21-lb lug Calmerias film bags 12.50-13.50; Ribiers wrpd 13.00-15.50.

STRAWBERRIES: FL 12-1 pt flats med 22.00-26.00 mos 24.00; ECUADOR 12-1 pint film overwrpd flats sml-med few 24.00; NEW ZEALAND 9-12 oz film overwrpd trays via air 25.00.

VEGETABLES

BEANS-GREEN: HIGHER. FL various bushel containers Round Green type including handpicked 10.00-12.00 few 13.00-14.00, previous commitments 8.00 few high as 10.00, fair equal 6.00-8.00; Kentucky Wonder type 13.00-14.00.

BEANS-LIMA: NO SUPPLIES.

BEETS: ABOUT STEADY. NJ crt bchd 12s 5.50, bubkts topped 6.50; TX crt bchd 12s 6.50.

BROCCOLI: HIGHER. CA ctn bchd 14s 11.00-13.00 mos 11.50-12.00, 18s 11.50-13.50 mos 12.00-12.50 few 14.00, previous commitments 14s 9.00, 18s 10.00; TX ctn bchd 14s 10.50, 18s 12.00.

BRUSSEL SPROUTS: CA 25-lb ctn loose 8.00-11.00 mos 8.00-9.00.

CABBAGE: 1¾ buctn & crt medium Green unless otherwise stated, NC 8.00, fair cond 4.50-5.00; Savoy & Red 7.00; TX 8.00-9.00 mos 8.50, fair cond 5.00-6.00; NY Red 6.00, 50-lb sks Danish type 8-10s 4.25-4.50.

CARROTS: SLIGHTLY HIGHER. 48-1 lb film bags in film sacks, CA med-lge 11.00-11.50 mos 11.50; CANADA med 8-8.50; 50-lb sks loose jbo, CA 8.00-10.00; CANADA 7.25-7.50 mos 7.50; ctn bchd 24s, CA 9.50-10.50 mos 10.00; miniature ctn 20-12 oz film bags FLA 11.00-11.50; CA 8.50-9.00.

CAULIFLOWER: Ctn film wrpd, CA 12s 12.00-14.00 ord cond 4.00-6.00, 9s & 16s fair cond 3.00-6.00; TX 12s 12.00, 16s 9.00; FL 16s 7.00-8.00, 12s 12.00 few lwr, 9s 6.00, 20s fair cond 3.50.

CELERY: ABOUT STEADY. Ctns & crts, CA 2 doz 14.00, one label 16.00, occ hgr 2½ doz 13.50-16.00 mos 14.00-15.00, 3 doz 12.00-13.00 few 14.00, occ hgr ord cond 4.00-5.00, 4 doz 10.00-13.00 mos 11.00-12.00 few hgr; FL 2 doz 12.50-13.00, 2½ doz 12.50-14.00, 3 doz 11.50-13.00; TX 2 doz 12.00.

CHINESE CABBAGE: FL celery crt 9.00-10.00 mos 10.00; ctn Nappa 9.00-10.00; Bok Choy 10.00; CA 50-lb Nappa & Bok Choy 12.00.

CUCUMBERS: 1-1/9 bucrt & ctns waxed medium unless otherwise stated; FL fair appear few 10.00-10.50, fair cond 8.00-9.00, fair qual & cond 8.00; MEXICO 14.00-16.00 fair qual 13.50; JAMAICA fair qual & sml 10.00-11.00.

LETTUCE-ICEBERG: HIGHER. Ctn 24s unless otherwise stated; CA 17.00-23.00 mos 20.00, freeze damaged 8.00, film wrpd 20.00, fair cond 15.00-16.00, 30s 20.00-21.00, fair cond 13.00-14.00, ord cond low as 6.00; AZ 17.00-23.00 mos 20.00; FL fair qual 16.00.

ROMAINE: SUPPLIES LIGHT. CA 24s ctns 15.00-17.00 occ hgr crts 18.00-19.00.

BIG BOSTON: FL crt 24s 7.00-8.00, fair appear 4.50-5.00; CA ctn 24s 9.50, few hgr, fair cond 7.00.

BIBB: FL 16-qt bkt 6.00-7.00.

LEAF: Ctn or crt 24s, CA 11.00-12.00 few hgr; Red 11.00-12.50 few hgr; FL 7.00-8.00, fair cond 4.00-5.00, 24-qt bkt 5.00-6.00.

MUSHROOMS: ABOUT STEADY. PA 4-qt bkt med-lge 4.50-5.00, sml-med 3.50-3.75, 10-lb ctn 8.50, few hgr & lwr pkgs 12-10 oz 8.50 few 8.75.

ONIONS-DRY: ABOUT STEADY. 50-lb sacks US #1 or generally good quality Yellow Grano unless otherwise stated; ID-OR jbo 7-7.50 White jbo 20.00, 25-lb sks Red lge 6.50; CA jbo 7.00; NY Globe type med 3-3.50, occ hgr, fair qual low as 2.00, 20-2 lb mesh sks 5.75-6.00; MI Globe type med 4-4.25, 25-lb sks White Boilers 12.00.

ONIONS-GREEN: ABOUT STEADY. Ctns & crt bchd, CA 48s few 7.50, one lot 5-5.50; TX 24s lge bulb 6.00; MEXICO 48s 7.00-8.00 mos 7.00, one lot 5-5.50.

PARSLEY: SLIGHTLY HIGHER. Bchd 5 dozen curly, FL crts 10.00-11.00 mostly 11.00, plain 13.00; TX ctns 11.00; CA ctn 12.00 few hgr, fair cond 10.00.

PARSNIPS: NJ ½ buctn 7.00.

PEAS-GREEN: MEXICO 1-1/9 bucrts one label 21.00-22.00.

PEAS-SUGAR: 10-lb ctn per lb, CA 2.20-2.60; Sugar Snaps 2.20, GUATEMALA including via air 2.20-2.50.

PEPPERS: ABOUT STEADY. 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated; FL lge 8.50-10.00 mos 9.00, fair cond 6.00, med 4.50-6.00 mos 5-5.50 few 4.00, sml 2.50-3.50 mos 3.00 few 4.50; Mxd Red lge 6.50, med 5.00; Red lge 15.00, sml fair cond 3.00-4.00; Longshots buctns 15.00; TEX lge 7.00-8.00, med 6.00-7.00, sml 5.00-6.00; Red med-lge 9.00-10.00; MEXICO lge 8.00-9.00, med 6.00, sml 5.00.

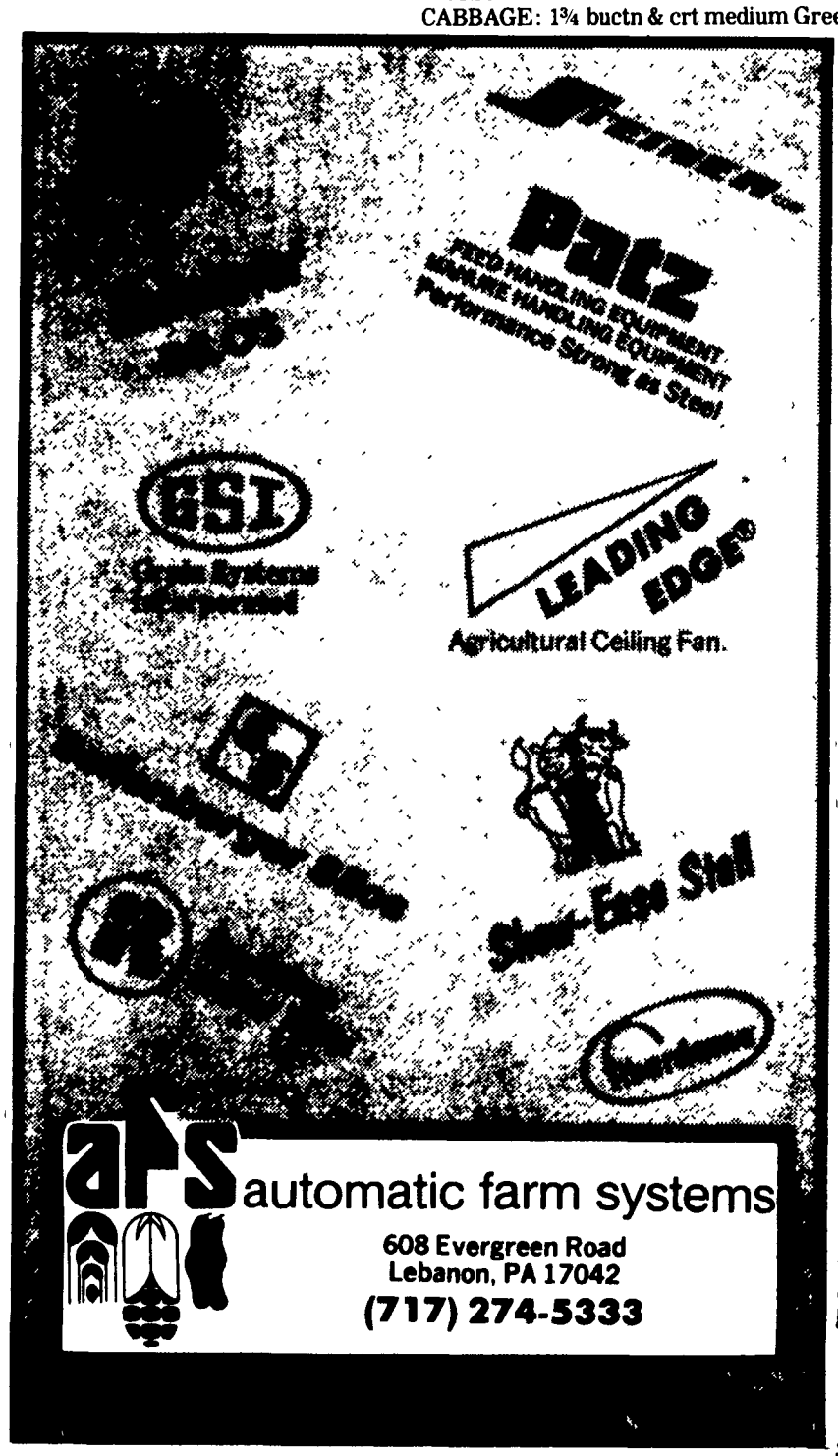
RADISHES: SLIGHTLY LOWER. FL ctns Red 30 6-oz film bags 5.00-6.00 mos 6.00, 14-1-lb film bags 6.00, ctn bchd 24s 5.00-6.00; White 24-8 oz film bags 6.00; CA ctn bchd 24s 6.50.

RUTABAGAS: CANADA 50-lb ctns CD#1 waxed med 5.50.

SPINACH: ABOUT STEADY. TX Savoy type bubkts 7.00-8.00 mos 8.00; CA Flat type ctn bchd 24s 8.50.

SQUASH: HIGHER. FL ½ buctns Zucchini sml-med few 10.00 few lwr, med 5.00; Yellow Straightneck supplies insufficient to quote, MEXICO Zucchini 28-lb lug sml 7.00-8.00 mos 8.00, med 4.50-6.00, 40-lb crts med 4.50-5.00.

ROMATOES: HIGHER. 25-lb ctn Pink to Light Red 85 percent US #1 or better unless otherwise stated; SALES BY REPACKERS, FL 5x6s 22.00-25.00, 6x6s 20.00-21.00, 6x7s 20.00, foair cond 17.00, 7x7s 14.00; SALES BY OTHERS, FL 5x6s 22.00-24.00, 6x6s 20.00-22.00, 6x7s 15.00-16.00, fair qual 5x6s 19.00-20.00, 6x6s 17.00-18.00, 6x7s 15.00, 7x7s 13.00; Vine ripes 5x6s 18.00-20.00, 6x6s 16.00-18.00, 6x7s 14.00, 20-lb ctn Plum type 12.00-13.00; CHERRY TYPE, MEXICO 12-1 pt flats 13.00 few 10.00.



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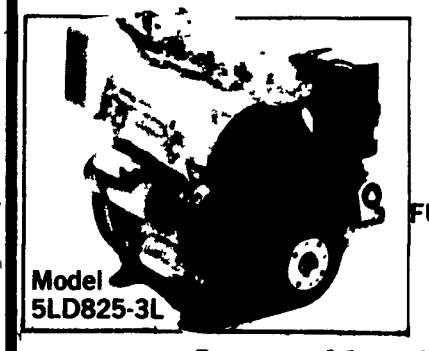

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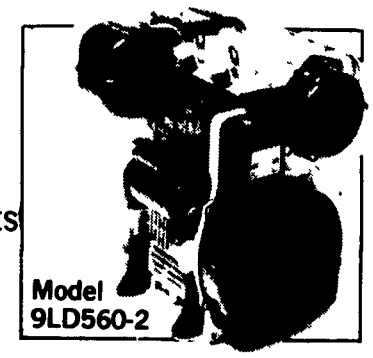

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DEALER INQUIRIES INVITED

Livestock market and auction news

Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 16

CATTLE. 766. SLAUGHTER STEERS: Choice & Prime 60.00 to 64.00, few to 65.85; Good & Choice 53.00 to 58.00, few to 61.75; Good & Choice-Holstein 44.00 to 48.50, few to 52.85; Standard & Good-Holstein 38.00 to 44.35.

SLAUGHTER HEIFERS: Choice 59.00 to 62.50, few to 63.10; Good & Choice 54.00 to 58.75, few to 60.75; Standard & Good 44.00 to 52.75, few to 54.85.

COWS: Utility & Commercial 34.00 to 37.25, few to 39.00; Cutter & Boning Utility 32.50 to 36.85, few to 37.75; Canner & Low Cutter 33.00 & down.

BULLS-ALL WEIGHTS: Yield Grade 1 44.00-47.50, few to 50.75; Yield Grade 2 39.00 to 44.50.

STOCKER CATTLE-ALL WEIGHTS: Steers-Medium & Good up to 60.00, few to 62.50; Heifers-Medium & Good up to 50.00, few to 55.00; Bulls-Medium & Good up to 52.75, few to 57.75; Steers-Holstein up to 42.00, few to 47.50.

CALVES 522. Good & Choice-125 to 250 pounds 75.00-84.50, few to 100.00; Medium & Good-125 to 250 pounds 55.00-70.00, few to 75.00; Medium & Good-80 to 120 pounds 40.00-48.00; Light & Cull-all weights 43.00 & down; Holstein Bulls-return to farm up to 100.00; Holstein Heifers-return to farm up to 58.00.

LAMBS, SHEEP & GOATS 91. Choice Lambs 68.00 to 70.00; Medium & Good Lambs 64.00-68.50; Light & Cull Lambs 55.00-62.50; Sheep, Ewes & Bucks up to 27.00; Goats-all sizes (by head) 15.00 to 59.00.

HOGS 86. No. 1-3 Butcher Hogs-190-225 pounds 48.00 to 49.00; No. 1-3 Butcher Hogs-225-250 pounds 47.50 to 48.75; No. 1-3 Butcher Hogs-250-300 pounds 43.00 to 47.00; Good Butcher Sows-400 pounds down 32.00 to 41.00; Good Butcher Sows-400 pounds up 37.00 to 41.50; Heavy Boars-over 300 pounds 30.00 to 31.00; Pigs-all sizes (by head) 12.00 to 24.50.

Sale every Monday evening at 5:00 p.m.

Hay & straw sale every Monday at 1:00 p.m.

St. Louis Feeder Cattle

Thursday, December 19
Report supplied by USDA

FEEDERS: Receipts around 1200. Feeder steers 2.00-3.00 lower. Feeder heifers steady to 2.00 lower, with full decline on 500-800 lbs. Quality greatly improved over last week, with increase of thin mixed medium and large frame cross breed cattle. Fleshy small frame continues in poor demand and price pressure.

FEEDER STEERS: Medium with a few large frame 1: 400-600 lbs. 59.50-65.00; 600-700 lbs. 56.50-60.75; 700-900 lbs. 52.50-55.75, reputation string 706 lbs. 56.75.

Fleshy and mixed medium and small frame 1: 300-500 lbs. 53.00-58.00; 500-700 lbs. 50.00-55.75.

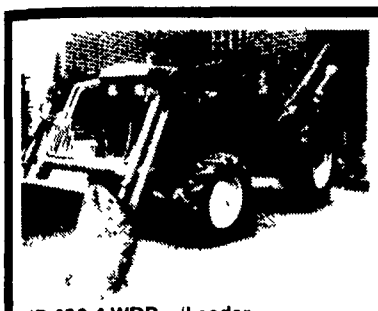
Small frame 1: 300-600 lbs. 47.00-53.25.

Large frame 2 holsteins: 400-700 lbs. 38.00-43.50, package 1050 lbs. 45.00.

FEEDER HEIFERS: Medium with a few large frame 1: 300-500 lbs. 51.00-55.50, thin gaunt cross breds 57.00-59.00; 500-600 lbs. 48.75-53.75, thin cross breds 55.00-55.25; 600-800 lbs. 47.50-52.50, mostly 50.00-51.00.

Mixed medium and small frame 1: 300-600 lbs. 44.00-48.50.

Small frame 1: 300-600 lbs. 41.00-45.00.

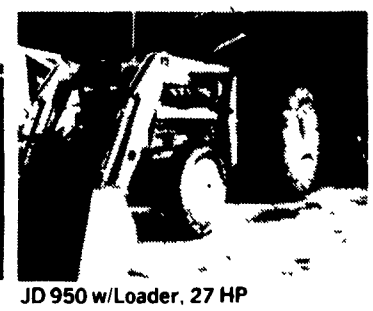

JD 650 4 WDB w/Loader
'7,200

Bison w/Loader, PS
'4,800

Massey Harris Pony w/Cult
As Is. '1,500

USED FRONT TRACTOR SUITCASE WEIGHTS
For John Deere, IH & Case

New Holland L445
'7,500


JD 950 w/Loader, 27 HP
'7,250

LAWN & GARDEN TRACTORS
JD 112 Tractor w/Mower
JD 316 Tractor
JD 420 Tractor
JD 210 10 HP Tractor
JD 110 Tractor
JD 112 Tractor
IH 1450 Hydro Tractor
Case 442, 14 HP
JD 212, 12 HP
IH 127, 12 HP

RIDING MOWERS
JD 68 Rider JD 90 Rider
8 HP Case w/Bagger

SKID LOADERS
NH L775-9800
JD 24-4500

CHAIN SAWS
Echo 702
McCullough 1010

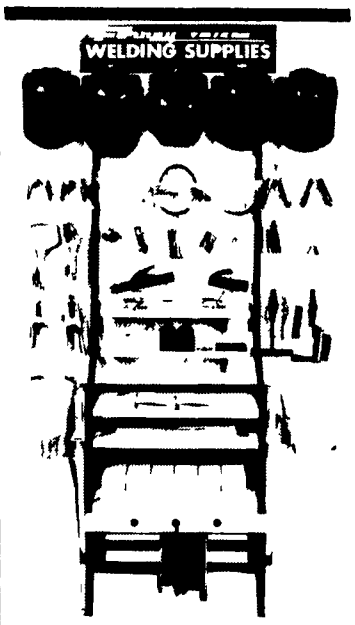
REAR TINE TILLERS
McKissic 8 HP
111 Rototiller

LAWN TRACTORS
JD 70 Tractor
JD 111 L & G Tractor
8 HP Wheel Horse
6216 Simplicity
10 HP JC Penney
Sears 10 HP, Wts & Chains w/Front Blade
JD 116, 16 HP

WALK-BEHIND MOWERS
21" SP Lawn Boy
20" JC Penney

MISC.
31 T Lawn Sweeper
Post Hole Digger, 3 Pt
JD 31 Tiller
JD 33 Tiller
JD Cornplanter 1 Row
Cultivator 2 Row
McKissic Shredder
3 Pt. Mott Mower
3 Pt. Seeder Herd
2 Btm Plow #30
IH Walk Behind Snowblower

We Are Proud To Announce Our New Dealership In
Forney
WELDERS and SUPPLIES



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USED REAR TRACTOR TIRES

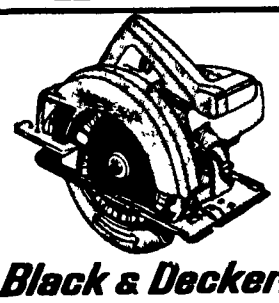
16.9x28	12.4x36	16.9x34
17.5Lx24	13.6x36	14.9x28
16.9x38	16.9x30	18.4x26
9.5x24		

USED IMPLEMENT TIRES

31x13.50x15	7.60x15	6.40x15
11Lx14	25-7.50x15	6.70x15
11Lx15	27-9.50x15	

USED SKID LOADER TIRES

27x10.50x15	12.5Lx15	10x16.5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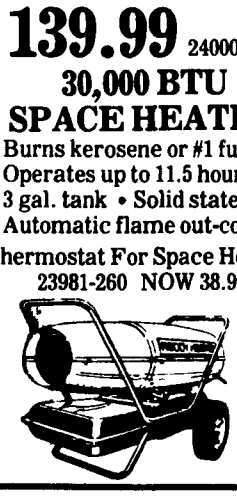

Models May Vary From Illustration

259.99 23985-260
100,000 BTU SPACE HEATER
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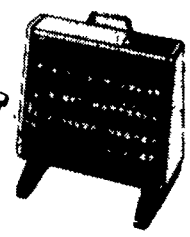


PICTURE THERMOMETERS
$9.95

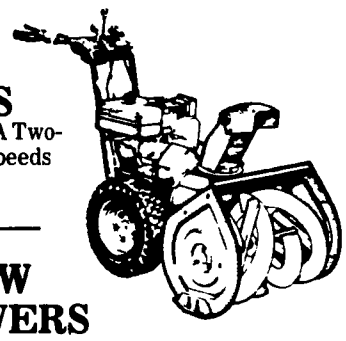
BIRD FEEDERS

No. 152
$8.95

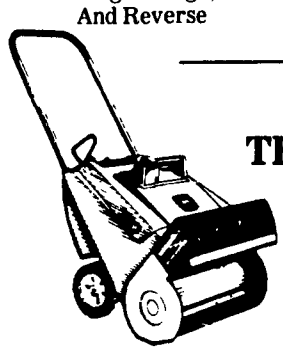
WILD BIRD FEED
50 Lbs.
$9.95

SUNFLOWER SEED
25 Lbs.
$8.60

JOHN DEERE



SNOW BLOWERS
5 or 8-HP Snow Blowers Have A Two-Stage Design, Five Forward Speeds And Reverse



SNOW THROWERS
Clears a 20-inch path in no time with its heavy-duty engine.
SPECIAL on MODEL 522
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John Deere Toys
20% OFF

Prices Good Until December 31, 1985

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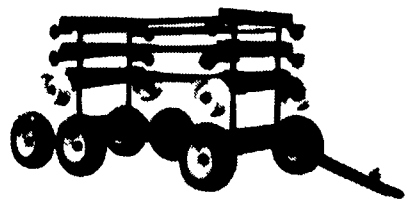
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- 12 TON WAGON, 15x8 LBH Wheels, Less Tires $1240

Livestock market and auction news

Belknap Livestock

Dayton, Pa.
Wednesday, December 18
Report Supplied by PDA

CATTLE 165: 65% cows - Compared with last Wednesdays market, slaughter cows $2.50-3.00 higher. Good slaughter steers one at 52.00. Utility slaughter heifers 34.00-38.25. Breaking Utility & Commercial slaughter cows 36.50-40.00, one 44.00, Cutter & Boning Utility 33.00-37.25, Canner & Low Cutter 27.50-33.75, Shells down to 25.50. Yield Grade No. 2, One 1150 lbs. 59.50.

FEEDER CATTLE: Steers Medium & Large Frame #1 340-520 lbs. 43.50-54.00; Heifers Medium & Large Frame #1 420-710 lbs. 34.50-43.00; Large Frame #2 610-830 lbs. Holsteins 30.00-35.00.

CALVES 114: Couple Good Vealers 64.00-65.00, Standard & Good 90-110 lbs. 40.00-48.00, 60-85 lbs. 30.00-43.00.

FARM CALVES: Holstein bulls 95-135 lbs. 55.00-81.00.

HOGS 156: Barrows & gilts 25 cents-50 cents higher. US No. 1-2 220-240 lbs. barrows & gilts 47.00-47.40, No. 2-3 220-260 lbs. 45.50-46.70, No. 1-3 Lot 128 lbs. 50.00. SOWS- US No. 2 One 375 lbs. sows 38.00, No. 3 One 560 lbs. 33.00. Few Boars 25.00-28.00.

FEEDER PIGS 7: Few US No. 1-3 20-30 lbs. feeder pigs 15.00-19.00 per head.

SHEEP 44: Good Wooled Slaughter Lambs 65-90 lbs. 54.50-56.50. Slaughter ewes 14.00-19.00. GOATS 5: 11.00-24.00 per head.

Leesport Livestock Auction

Leesport, Pa.
Wednesday, December 18
Report supplied by PDA

CATTLE 234. Compared with last Wednesday's market, slaughter steers steady to strong. Slaughter cows $1.50-2.50 higher. Few Choice slaughter steers 61.10-62.10, Good 56.00-61.00, Standard 43.85-48.75, Few Utility & Low Standard 39.00-42.00. Choice slaughter heifers 950-1300 lbs. 56.35-47.50, Few Utility 37.75-42.00. Breaking Utility & Commercial slaughter cows 35.75-38.50, Few 42.00, Cutter & Boning Utility 34.25-37.85, Canner & Low Cutter 30.25-34.25, Shells down to 25.00. Few Standard 43.25-44.75. Few Yield Grade No. 1 1300-1550 lbs. slaughter bulls, 44.00-49.50, Few Yield Grade No. 2 900-930 lbs. 38.00-44.75.

FEEDER CATTLE: Steers Few Medium Frame #1 400-600 lbs. 54.50-60.00; Heifers Few Medium Frame #1 500-580 lbs. 46.00-46.50; Bulls Lot Large Frame #1 550 lbs. 56.50.

CALVES 165: Vealers steady $3.00 lower. Few Choice 80.00-86.00, Few Good 70.00-78.00, Standard & Good 85-110 lbs., 42.00-45.00, 70-85 lbs. 40.00-43.00, Few Utility 50-75 lbs. 20.00-33.00.

FARM CALVES: Holstein bulls 90-130 lbs. 45.00-89.00, mostly 65.00-85.00.

HOGS 369: Barrows & gilts $1.75-2.25 higher. US No. 1-2 220-260 lbs. barrows & gilts 48.75-50.00, Lot 51.75, No. 2-3 220-260 lbs. 48.00-48.85, Few 50.00, No. 2-3 200-220 lbs. 47.00-48.00, No. 1-3 155-195 lbs. 42.00-47.00. Sows Steady to Strong. US No. 1-3 300-670 lbs. sows 34.00-37.00, Few 40.00, Medium 3, 250-435 lbs. 32.00-35.00. Boars One at 31.00, Few Light weights 32.50-34.50.

FEEDER PIGS 255: US No. 1-3 25-45 lbs. feeder pigs 92.00-100 per hundredweight, one lot 109.00, No. 1-3 25-45 lbs. feeder pigs 92.00-100 per hundredweight, one lot 109.00, NO. 1-3 50-55 lbs. 80-82.00, No. 1-3 55-80 lbs. 69.00-71.00, Few 2-3 35-40 lbs. 63.00-73.00 per hundredweight.

SHEEP 50: Choice 75-95 lbs. 60-67.00, Few 40-65 new crop 83.00-99.00. Small Lot 27 lbs. 155.00, Few Good & Choice 70-85 lbs. 55-61.00, 50-70 lbs. 65-73.00. Few Slaughter sheep 10-25. GOATS 34: 28-61.00 per head.

Omaha Weekly

Thursday, Dec. 19
Report Supplied by USDA

Slaughter steer and heifer prices turned lower this week. Steers 1.50-2.00 lower, heifers 1.00-2.00 lower. Packer demand has dampened by a large volume purchased direct from the feedyards, sluggish carcass beef markets and lower boxed beef cut-out values in addition to the usual pre-Christmas demand. Slaughter cows and bulls 2.00-4.00 higher under good demand.

Estimated 5 day receipts this week 8,200 compared to actuals last week of 7,471 and 9,052 last year. Slaughter steers accounted for 44 percent of the weeks receipts, slaughter heifers 38 percent, slaughter cows 12 percent, and feeder cattle 4 percent.

SLAUGHTER STEERS: Closing sales choice 2-4 1050-1350 lbs. 62.00-63.25. Mixed good and choice 2-3 1050-1250 lbs. 61.00-62.50. Good 59.50-61.50. Few good and choice 2-3 1250-1450 lb. Holsteins 52.00-53.00.

SLAUGHTER HEIFERS: Closing sales choice 2-4 950-1150 lbs. 61.00-62.00. Mixed good and choice 2-3 950-1050 lbs. 60.00-61.00. Good 57.00-60.00.

Average of LS 214 detailed price quotations for choice 900-1100 lb. steers 61.80, 1100-1300 lbs. 63.10. Average cost of all slaughter steers this week 62.11, average weight 1181 lbs. compared to 63.07 and 1156 lbs. last week. Average cost of all slaughter heifers this week 61.16, average weight 1031 lbs. compared to 62.20 and 1031 lbs. last week.

SLAUGHTER COWS: Breaking utility and commercial 2-4 33.50-36.25, small lot 37.00. High cutter and boning utility 1-3 33.50-36.00, high dressing to 38.00. Canner and low cutter 31.00-34.50, few "shells" 27.00-30.00.

SLAUGHTER BULLS: 1-2 1100-2000 lbs. 42.00-48.00, individual high dressing 48.25, low dressing kinds 40.00-42.25.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Dec. 17
Report supplied by Auction

Beef Cows: Utility and Commercial 36.50-38.25; Cutters 33.75-36.10; Canners 30.00-33.10; Shells 25.00.

Heifers: Standard 45.00-47.50; Commercial 38.00-44.50.

Steers: Standard 48.00-52.50.

Bulls: Standard 43.85-45.50.

Veal Calves: Choice 66.00-72.00; Good 52.00-65.00; Standard 43.00-51.00; Utility 35.00-42.00.

Farm Calves: Bulls 70.00-91.00.

Hogs: 45.50-48.75.

Sows: 36.25-39.50.

Lambs: 53.00-63.00.

No sale Dec. 24, postponed until Dec. 26 at noon.

Belleville Livestock

Belleville, Pa.
December 18, 1985
Report supplied by auction.

CATTLE 230: Breaking Utility & Commercial slaughter cows 38.50-40.75, Few 43.60, Cutter & Boning Utility 37.00-39.00, Canner & Low Cutter 32.50-36.50, Shells down to 26.00. Few Yield Grade No. 1 44.60.

CALVES 172: Standard & Good Vealers 44.00-56.00, 33.00-52.00. FARM CALVES: Holstein bulls 65.00-91.50, mostly 80.00-90.00.

HOGS 166: US No. 1-3 34.00-37.50, No. 2-3 28.50-34.00. Boars 28.50-30.25.

FEEDER PIGS 181: US No. 1-3 15-25 lbs. feeder pigs 18.50-23.00 per head, No. 1-3 25-45 lbs. 24.00-42.00, Few 45.00.

SHEEP 19: Choice wooled slaughter lambs 70.00-90.00, Good 55.00-69.00.

THE NUMBER ONE YEAR ROUND BEST SELLER

AUTO/TRUCK DIESEL TREATMENT totally disperses water.

FPPF

It eliminates water even better than water separators It also keeps injectors clean, improves engine efficiency, and contains no harmful alcohol
Use it in every tankful all year 'round
IT COSTS SO LITTLE TO PROTECT SO MUCH
Use POLAR POWER from Dec thru Feb to prevent waxing and gelling It also dispenses water. GAS TREATMENT treats leaded & unleaded gasoline Totally disperses water and increases mileage.

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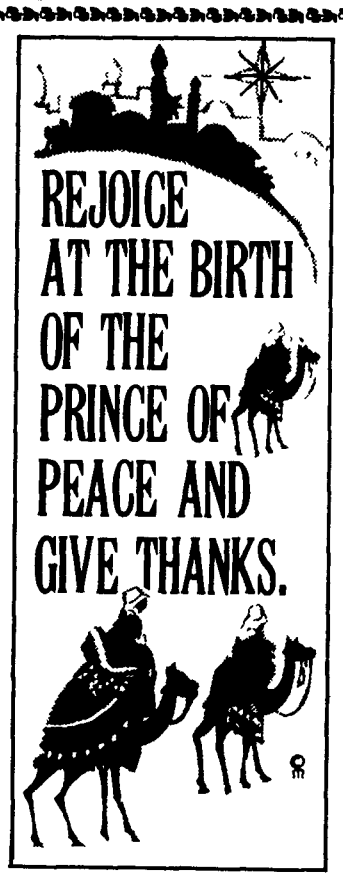

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All The Dairymen
For Their Patronage
During 1985.

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Give Our Best Effort
& Offer The Finest
Service You Deserve
For 1986.

We Wish You
And Your Family
A Joyous Christmas
And A Happy
New Year

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127 Newport Rd., Leola, PA
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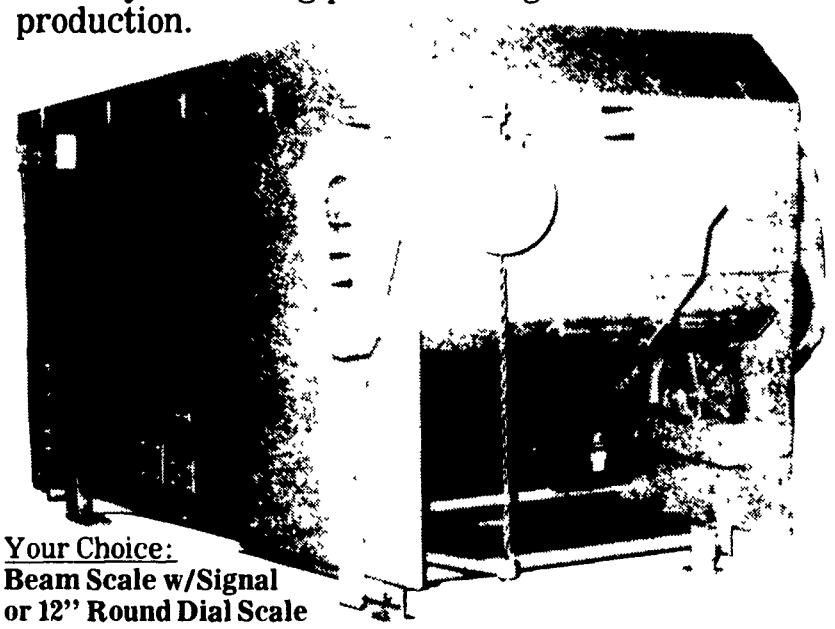
RISSLER FORAGE MIXERS
For Your Total Ration Mix Requirements

A Special Early Order Cash Discount will be given on orders placed now. Get your order in before the Spring rush. Save more $ $ $ off our regular low price. This blender will quickly pay for itself by increasing profits through lower feed costs and higher production.



We Stand Behind Our Forage Blenders

Your Choice:
Beam Scale w/Signal
or 12" Round Dial Scale

- 1/4 to 3/8 Steel Reinforcements
- Fast 2-3 Minute Mix Time
- Stainless Steel Floor
- Low Power Requirements

Mixer Can Be Filled Anywhere Without Being Run All The Time

SPECIFICATIONS

Cu Ft Capacity MODEI	75	105	135	150	190	230
Bushel Capacity	60	82	108	120	152	184
Motor H P	3	3	3	5	5	5
Forages 20 Lbs per Cu Ft	1500#	2100#	2700#	3000#	3800#	4600#
Approx # Cows (TMR) Mix Twice Daily	36	45	55	62	82	100
Overall Width	48	60	60'	60'	73	73'
Height with Scales Approx	67	67	67	76	79	79'
Overall Length	96	96	96	120"	120	144'
Discharge Height Without Chute	24	24	24	34'	34	34'

I.H. RISSLER MANUFACTURING CO.
RD 3, Box 64, Denver Rd. **Denver, PA 17517**
(215) 267-2453

Central U.S. Carlot

Beef Report
Wednesday, Dec. 18
Report supplied by USDA

Central U.S. Carlot Beef Report Includes The Major Production Areas In The Midwest, Texas, And Oklahoma. As Of 4:00 P.M.

Compared to Tuesday's 4:00 P.M. report, choice 3 steers steady in a limited test. With good and YG-4's not fully established. Holstein type steers steady to $1.00 lower. Heifer carcasses steady. Demand light, trading rather quite as we come closer to the Christmas holiday offerings limited.

The gross boxed beef carcass cutout value declined $.27 to an estimated $100.93 per cwt, 192 loads boxed cuts reported.

Sales reported on 28 loads of steer and heifer carcasses.

Steer Beef
11 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 97.00, steady.
Choice 2 600-700 lbs. 98.00.
Choice 4 600-900 lbs. 89.00, no comparison.
Choice 2-3 600-900 lbs. 87.50 (Hols type), steady-1.00 lower.
Good 2-3 600-900 lbs. 82.50 (Hols type), steady-1.00 lower.

Heifer Beef
17 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 95.00, steady.
Choice 3 500-550 lbs. 94.00, steady.
Choice 3 400-500 lbs. 92.00, steady.
Choice 2 600-700 lbs. 96.00.
Choice 4 500-700 lbs. 89.00, no comparison.
Good 2-3 550-700 lbs. 89.00, steady.

Steer & Heifer
Primal Cuts
FOB Omaha Basis
4 Loads

Hinds (H) 120-170 lbs. 112.00.
Fores 130-210 lbs. 82.00.

Cow Beef
5 Loads

Midwest: Utility $2.50-4.50 higher than week ago, cutters $4.00-6.00 higher than late last week.

Sales in the Midwest Production Area:

FOB Omaha Basis

Brk Utlty 2-3 450/up lbs. 62.00.
Bng Utlty 1-3 400/up lbs. 64.00.
Cutter 1-2 350/up lbs. 69.00-71.00.

Boneless Processing
Beef/Beef Trimmings
47 Loads

90% Chem Lean Fresh 96.00-98.00.
85% Chem Lean Fresh 92.00.
50% Chem Lean Fresh 45.00-46.00, bulk 46.00.

Sales in Eastern Texas and Oklahoma Production Areas:

90% Chem Lean Fresh 99.50-100.00.
90% Chem Lean Frozen 101.00.
85% Chem Lean Fresh 93.00.
75% Chem Lean Frozen 81.00.

Carlisle Livestock

Carlisle, Pa.
Tuesday, Dec. 17
Report supplied by auction

CATTLE: (211 hd.) Steers: Active 1.00 higher, High Good-Low Choice 58.50-62.25, Good 52.00-57.75, Medium 44.00-51.50, Medium Holsteins 38.10-46.00. Heifers: Medium-Good 46.25-52.50, Utility 37.00-40.00. Cows: Strong Demand; 1.00 high Early Bird Pens 2.00 higher, High Yield 38.00-39.35, Good 36.00-37.75, Medium 34.00-35.75, Big Middle 32.50-37.25, Shelly 32.00 down. FAT Bulls: Good 47.00-48.25, Medium 40.50-44.00.

FEEDER CATTLE: Steers (300-550 lb.) Medium 52.00, Culls 37.00-42.00. Steers (600-850 lb.) Medium 47.00-50.00, Utility 35.00-41.00. Heifers (all weights) Choice 46.50-48.00, Good 45.00-46.00, Medium 39.00-44.00, Couple Utility 37.00 down. Bulls (all weights) Good 52.00-53.00, Medium 45.00-47.00 (couple 34.00-39.00).

VEAL CALVES: (227 hd.) Steady to 5.00 higher, Choice 85.00-99.00, Good 70.00-80.00, Medium 56.00-69.00, Light 45.00-55.00 few weak 44.00 down, Farm Bulls 75.00-101.00.

HOGS: Barrows & Gilts (564 hd.) US No. 1-3 210-250 lbs. 45.10-48.60, over 260 lb. few 41.00-47.00, under 200 to 46.00, 2 & 3's 35.50-40.00.

SOWS: Over 450 lb. 35.25-37.25, under 450 35.00-36.25, 2 & 3's 31.75-33.25. Boars: Heavy 31.00-31.75.

FEEDER PIGS (by the head): (72 hd.)ht to 39.00.

FEEDER PIGS (by the hd.) (241 hd.) 15-25 lbs. 15.00-17.00 hd., 30-40 lbs. 24.00-33.00, 45-70 lbs. 26.00-45.00.

SHEEP: Lambs (46 hd.) Choice 65.00-66.00, Good 60.50-64.00, Med. 55.00-60.00.

EWES: Goats (Lge.-54 hd.) 40.00-59.00, Sm./Med. 25.00-37.00.

No sale on Tues., Dec. 24th: There will be a sale on Tues., Dec. 31st (New Year's Eve).

Green Dragon Hay

Friday, Dec. 13
Report supplied by PDA

46 Loads Hay & 11 Loads Straw 5 Ear Corn.

Alfalfa 67.00-85.00; Mixed Hay 55.00-84.00; Timothy Hay 66.00-77.00 one ld. 56.00; Orchard Grass one load 80.00; Straw 70.00-87.00 one load 95.00; Ear Corn 64.00-70.00 one load 54.00; Corn Fodder one load 43.00; Oats 6 loads 1.35-1.70 per bushel.

Keisters Livestock

Middleburg, Pa.
Tuesday, Dec. 10, 1985

45 Loads Hay & 7 Loads Straw 1 Ear Corn.

Alfalfa 2 loads at 66.00 and 72.50; Mixed Hay 45.00-72.50 few to 37.50; Timothy Hay few 55.00-72.50; Straw 55.00-72.50; Ear Corn 70.00; Oats 4 loads 1.10-1.25 per bushel.

Good's Auction

Leola, Pa.
Wednesday, Dec. 11, 1985

63 Loads Hay & 19 Loads Straw 7 Ear Corn.

Alfalfa 69.00-110.00 one load 125.00; Mixed Hay 42.00-101.00 mostly 59.00-82.00; Timothy Hay 61.00-94.00; Clover one load 61.00; Orchard Grass 2 loads 45.00 & 75.00; Straw 69.00-90.00 one load 59.00; Ear Corn 60.00-69.00 one load 79.00; Corn Fodder one load 40.00; Oats 2 loads @ 1.50 per bushel.

New Holland Sales Stables

New Holland, Pa.
Monday, Dec. 9

151 Loads Hay & 45 Loads Straw 9 Ear Corn.

Alfalfa 60.00-180.00 mostly 70.00-123.00; Mixed Hay 47.00-123.00 mostly 56.00-90.00; Timothy Hay 52.00-110.00 mostly 60-93; Clover few 59.00-76.00; Grass two loads 76.00-88.00; Straw 71.00-88.00 few to 59.00; Ear Corn 62.00-76.00; Corn Fodder one load 48.00; Oats 9 loads 1.20-1.90 per bushel.

Virginia Auction Summary

Dec. 12-18
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 6,645.

Trend: Uneven ranging 3.00 lower to $3.00 higher.

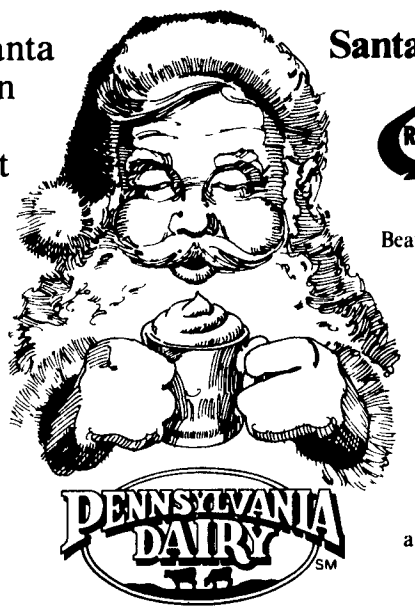
South & Southwest Va.
Dec. 12-18
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 55.00-68.00; 500-700 lbs. 50.50-62.50, 700-1000 lbs. 47.25-58.00. Large 1 300-500 lbs. 59.00-67.00, 500-700 lbs. 56.00-63.00, 700-1000 lbs. 47.00-57.50. Small 1 300-500 lbs. 52.00-65.00, 500-700 lbs. 50.00-57.50, 700-1000 lbs. 48.00-55.00.

HEIFERS: Medium 1 300-500 lbs. 42.50-53.00, 500-700 lbs. 42.00-50.50, 700-900 lbs. 42.00-48.00. Large 1 300-500 lbs. 42.50-55.00, 500-700 lbs. 45.00-51.00, 700-900 lbs. 42.00-46.50. Small 1 300-500 lbs. 39.00-48.00, 500-700 lbs. 39.50-47.50.

Eggnog of Choice for Old St. Nick

Here's the eggnog Santa packs for the road on Christmas Eve. And it's sure to be a hit at your next holiday get-together. It's so tasty, it doesn't even need brandy or rum.



For more great holiday dairy recipes write
Santa's Favorite Eggnog
PA Dept of Agriculture
Harrisburg, PA 17110

PENNSYLVANIA DAIRY SM

Pennsylvania Dairy Promotion Program

Santa's Favorite Eggnog

6 eggs
½ cup sugar
1 pint milk or half & half
1 pint whipping cream
1 tsp vanilla
nutmeg

Beat egg yolks and sugar until thick and lemon-colored Beat whites until stiff, fold into yolk mixture Blend in milk or half & half and vanilla This base can be prepared a day or two ahead and refrigerated, covered

To serve Whip cream until stiff and fold into eggnog base Allow some cream to float Sprinkle nutmeg on top

Add a cup of frozen berries for a tasty twist on this holiday classic

8 servings

Seasons Greetings

We would like to wish everyone a MERRY CHRISTMAS and a HAPPY & PROSPEROUS NEW YEAR

We pause at this time to thank you for your patronage during the past year. We're looking forward to working with you in 1986.

Front Row: SUZANNE ELLIOT, Agricultural Secretary; ROBERT DONALDSON, Agricultural Loan Officer. Back Row: MIKE FIRESTINE, Vice President - Senior Agricultural Loan Officer; LARRY GROFF, Agricultural Loan Coordinator.

PLEASE MAKE NOTE: As of Jan. 6, 1986 Our New Phone Number Will Be **(717) 274-6906**

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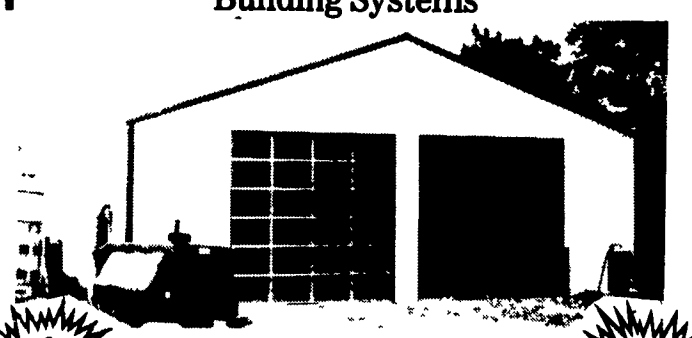

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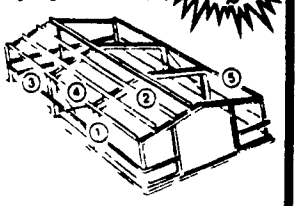

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Date of Planning To Build _____

or Call Now **(717) 354-4740**

Tobacco

(Continued from Page A1)

But even though on-farm and auction prices were similar in the higher grades, the price difference was apparent in the lower grades, many sellers noted. "Where I gained," said Lititz grower Carl Schnupp, " is that my bottoms brought the same as everything else."

Schnupp, who sold 12,000 pounds on Monday, noted that, although offers that he had received for his better tobacco on the farm had been as high as the auction prices, buyers were only willing to pay him 60 cents for his bottoms through private-treaty sale. "I gained on my out-grade, too," he said, pointing out that the lowest price he received for his out-grade at the auction was 45 cents, compared to a 25-cent offer on the farm.

Schnupp does feel that the auction should be more centrally located in the county, an attitude also expressed by Donald Shellenberger, a Washington Boro grower.

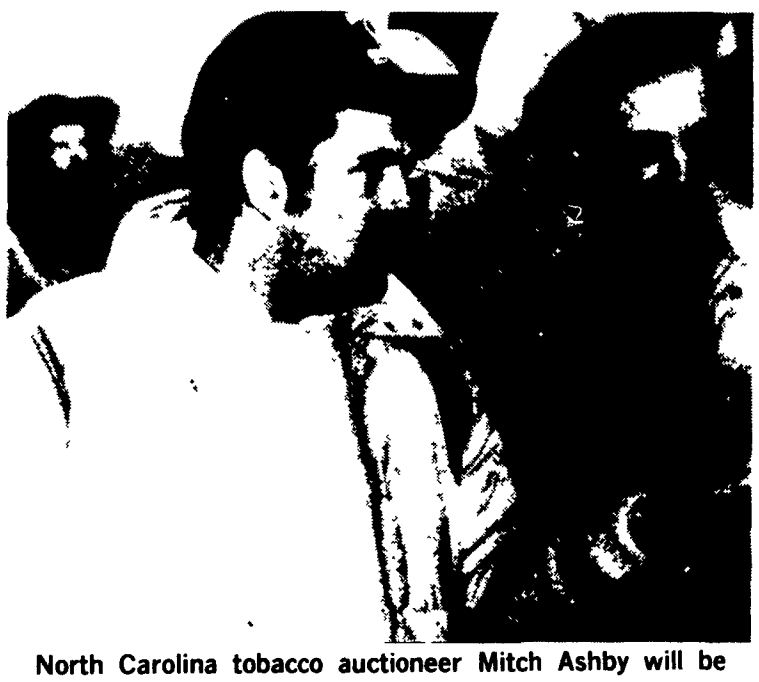
"It's too far to go for the same price I was offered on the farm," said Shellenberger, at the same time conceding that the presence of the auction may have influenced at least one buyer to offer him one price for both his higher and lower grades through private sale. "I think the auction helped to raise the price, 10 cents, at least," said Shellenberger.

Though the auction may have driven prices for lower grade tobacco higher than the normal levels, most buyers remained enthusiastic. We'd like to see the auction work," said Bobby Oldham, a buyer for Parker Tobacco Co., of Hartsville, Tenn., one of the larger companies represented at the sale. "I think it's a good sale," Oldham continued. "We're satisfied with what we're finding, but we'd like to have more of it (Type 609) grown here."

Oldham, who stated that he also buys "in the country," said that he would rather buy his tobacco through the auction. "I'll buy 200,000 pounds a day, if it comes," he said.

Prices took an upturn in Wednesday's sale, with 303,000 pounds averaging $1.16 for all grades. Probst speculated that the stronger prices were the result of farmers "holding together" and consigning their tobacco to the auction, rather than succumbing to private-treaty offers. "The farmers are really happy with this thing," concluded Probst. "I'm really pleased."

The auction manager notes that no sales will be held this coming week. Sales the following week will be held on Dec. 30, and Jan. 3.



North Carolina tobacco auctioneer Mitch Ashby will be selling tobacco at the auction throughout the season.

It was standing-room-only at the state's first tobacco auction on Monday. Sales are scheduled for Monday, Wednesday and Friday at Martin Auctioneers, Inc., until this year's crop is sold.

Cornell winter dairy schools

ITHACA, NY – Dairy farmers across New York are invited to a series of four regional meetings designed to keep farmers up to date on state-of-the-art dairy production and management techniques.

Scheduled during January 1986, the "Winter Dairy Management Schools" will be held in Painted Post, Kingston, Watertown, and Batavia. A team of animal scientists from the New York State College of Agriculture and Life Sciences will conduct a two-day meeting in each location.

Focusing on the latest Cornell recommendations on dairy operations, the meetings will feature lectures on feeding, dairy herd profile, farm management, milk management, reproduction, and breeding and genetics.

A highlight will be a presentation on the use of biosynthetic bovine growth hormone that dramatically boosts cows' milk yields and its effect on feeding, reproduction, and genetics. The growth hormone is expected to become available commercially in the near future.

Speakers at these meetings will be Charles J. Sniffen, Larry E. Chase, Terry R. Smith, J. Murray Elliot, R. David Smith, E. John Pollak, William G. Merrill, David M. Galton, and Robert W. Everett, all in Cornell's Department of Animal Science–the sponsor of the regional meetings.

Open to all dairy farmers in the state, the 1986 winter dairy management schools will be held at the following dates and locations: January 7-8– Painted Post (Holiday Inn, U.S. 15 South, Gang Mills exit); January 9-10– Kingston (Holiday Inn, Thruway Exit 19); January 21-22– Watertown (Holiday Inn, Route 11); January 23-24– Batavia (Holiday Inn, Thruway Exit 48).

For more information about registration and the program for the January meetings, contact Robert Everett, B22 Morrison Hall, Cornell University, Ithaca, NY 14853-4801, or call (607) 256-4416.

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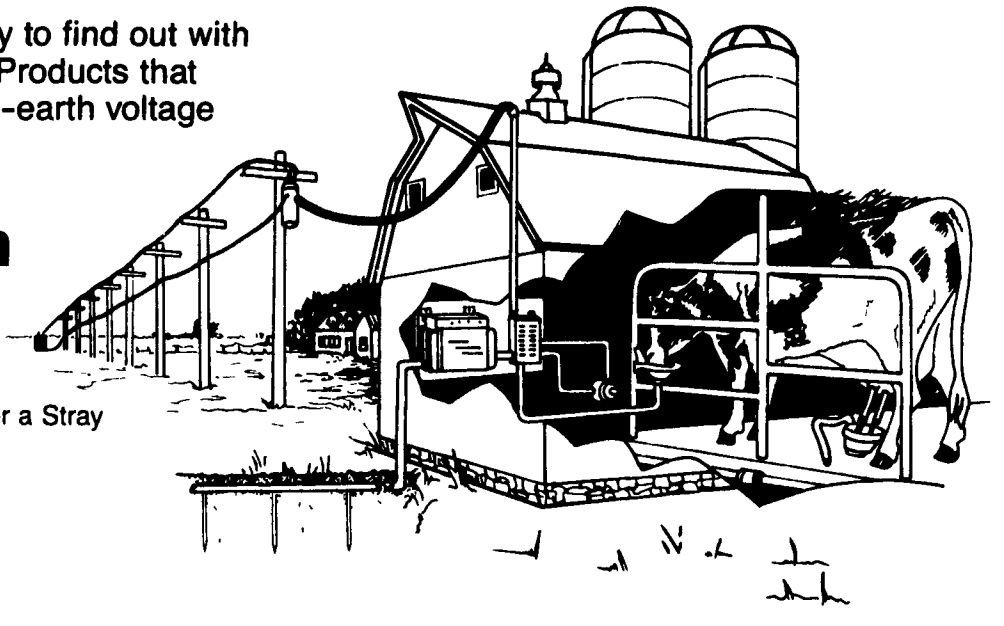

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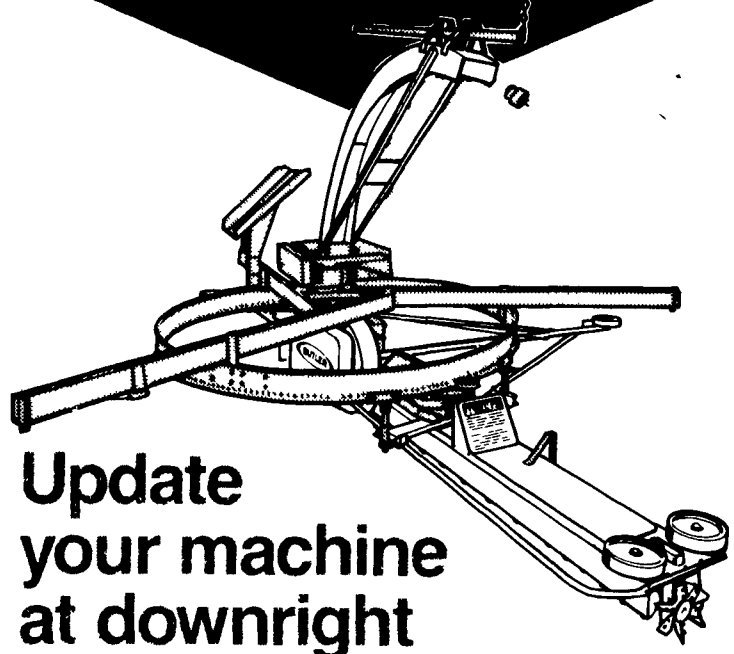

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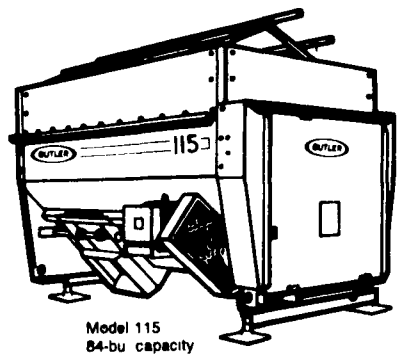

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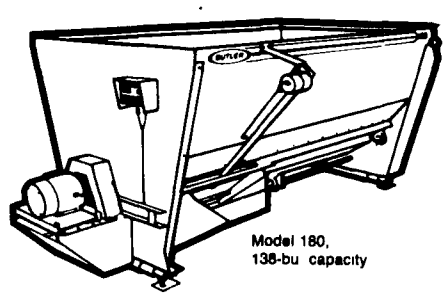

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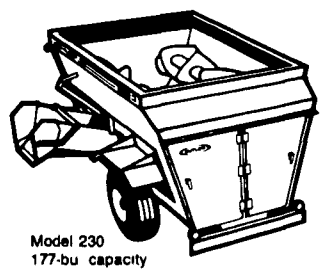

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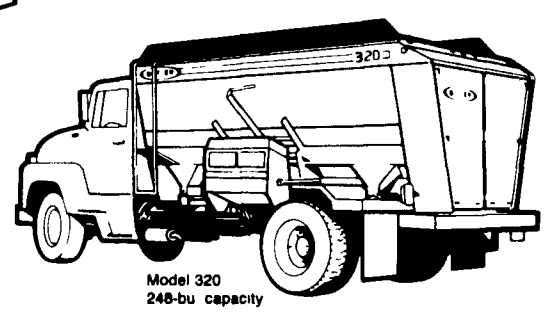

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A summary

Conference committee's 'compromise' Farm Bill

WASHINGTON – A five-year compromise farm bill approved by a House-Senate Conference Committee will help protect farm income, promote trade, and conserve millions of acres of fragile soils for future generations, Chairman Kika de la Garza, D-Tex., of the House Agriculture Committee announced.

The final version of the Food Security Act of 1985, H.R. 2100, a compromise between separate bills passed by the House and Senate, spells out farm and food policy through 1990. It was adopted by House-Senate conferees late Saturday following an eight-day negotiating session which capped nearly two years of Congressional activity. (Final votes on the measure in the House and Senate were expected this wek.)

This bill gives us lower, market-oriented commodity loan rates to make our crops more competitive plus what I believe is the strongest package of farm income protection that we could negotiate with the Senate and hope to pass this year. This legislation will not satisfy everybody. It does not satisfy me in all respects. But it does provide almost a three-year freeze for target prices on grains and a shorter freeze for cotton and rice to help protect farmers during one of the most difficult economic eras in some areas of agriculture since the 1930s, and it is a vast improvement over the drastic surgery the administration originally proposed for farm programs," de la Garza said.

"As I and other House members have promised, this bill meets the budget targets laid down by Congress in our budget resolution earlier this year and will cost far less than continuation of current laws. But passage of this legislation may not be the last word in government farm policy over the next few years," de la Garza warned. "Congress has also adopted a new deficit reduction law which may force cuts in many government programs–including the farm programs in H.R. 2100–and we will have to keep the situation in agriculture under continual review," de la Garza added.

"The conservation section of this bill represents one of the most significant soil protection measures adopted by Congress in many decades," de la Garza said.

In addition to stabilization programs for commodities--including dairy products, soybeans, sugar, peanuts, wool and honey as well as grains, cotton and rice–and the conservation package, the bill also includes programs for exports, food assistance for needy Americans, and other issues including credit and research.

The House bill provides that for five crop years beginning in 1986, market prices of major crops including wheat, corn, cotton and rice would be made more competitive by linking commodity price support loan rates more closely to market conditions, and by several export expansion programs. At the same time, however, the actual return per bushel or pound to farmers who cooperate with voluntary surplus-control programs will be protected by retaining a system of payments to cover the gap between market prices and the target level–and by freezing grain targets at current levels for the 1986 and 1987 crop years, with later cuts permitted to not less than 98 percent of the 1987 level in 1988 and phasing to no less than 90 percent of the freeze level (but not below specified floors) in 1990. For cotton and rice, a 1986 freeze could be followed by authority for reductions to 98 percent of the freeze level in 1987 and phasing to 90 percent in 1990.

The legislation also includes:

– A dairy program with reduced support after 1986 and a farmer-financed "whole-herd" disposal program to cut milk surpluses.

– Conservation programs including a long-term Conservation Reserve to shift 40 to 45 million acres of fragile cropland to less intensive use; a "Sodbuster" program designed to discourage shifting fragile land to crop use; and a "swampbuster" plan to discourage future draining of wetlands for crop use.

– Trade expansion programs including the use of surplus crops as export bonus payments to expand markets and meet unfair foreign competition, and extension and expansion of Food and Peace and related programs.

– Credit and rural development provisions including authority for a government-private lender program of interest rate relief for some hard-pressed holders of Farmers Home Administration guaranteed farm loans and new rules for handling land acquired by the Agriculture Department in loan foreclosures.

– Extension of domestic food assistance programs, including Food Stamps, with modest restoration of some past benefit cuts for the needy.

– Extension of agricultural research authority with some new research priority guidelines; new protection for animals in research facilities; and steps to assure the availability of leaded fuel for old farm engines until at least the end of 1987.

Major provisions of the bill include:

COMMODITY STABILIZATION PROGRAMS

FOR WHEAT AND FEED GRAINS, the target price and commodity support loan programs for 1986 through 1990 crops include a market-oriented system for setting price support loans at levels that would make American crops competitive in international markets, coupled with target price protection.

– Basic initial price support loan rates for grains would start at $3.00 a bushel for 1986 wheat and $2.40 for 1986 corn. From 1987 on, loans for grains would be set each year by formulas using average market prices of recent years, with any declines limited to 5 percent a year. After calculating the basic initial rates, the Secretary would then have discretionary power to further cut the rate for any year by up to 20 percent if – (1) market prices in the previous season failed to top 110 percent of the previous year's loan rate, or if – (2) he determines that a further cut is needed to compete on world markets. For the 1986 crop only, the Secretary would be required to use this authority to drop the loans at least 10 percent. The Secretary would have discretionary authority to allow repayment of support loans at levels which could be set as low as 70 percent of the loan rate. The Secretary would have discretionary authority, in addition, to give producers one of two alternate types of marketing certificates to help promote exports.

– Target price income protection would operate with whichever loan system was used, and any cut in loan rates below the basic level in any year would be offset by increased target price payments which would not be subject to payment limits. Target prices, which protect farmers' income with direct payments when market prices are below the target, would be frozen at current levels ($4.38 a bushel for wheat and $3.03 a bushel for corn) through 1987 to prevent cuts in per-bushel returns to farmers. In succeeding years, the rate would not be less than 98 percent of the 1987 level for 1988, not less than 95 percent for 1989 and not less than 90 percent (but not less than $4 for wheat and $2.75 for corn) in 1990.

– To qualify for benefits in a year in which carryover wheat stocks exceed 1 billion bushels, wheat producers would be required to reduce acreage as follows: In 1986, a maximum diversion of 25 percent (including a mandatory minimum reduction of 15 percent, a mandatory in-kind paid diversion of 2.5 percent, and a further reduction at Secretarial discretion of 7.5 percent); in 1987, a maximum reduction of 27.5 percent (including a mandatory minimum of 20 percent and a further 7.5 percent at the Secretary's discretion); and in 1988-90 a maximum of 30 percent (including a mandatory minimum of 20 percent and 10 percent at the Secretary's discretion). (For the 1986 wheat crop only, the Secretary would be required to offer growers who planted before announcement of the program a chance to idle an additional 10 percent of their base in return for payment.) For feed grains, if stocks exceed 2 billion bushels of corn, the 1986 reduction would be a maximum of 20 percent of which 12.5 percent would be a mandatory minimum, 5 percent would be discretionary with the Secretary and 2.5 percent would get in-kind payment. For 1987-90 the maximum would be 20 percent (including a mandatory minimum of 12.5 percent plus up to 7.5 percent at the Secretary's discretion). For all grains, the Secretary would have discretionary authority to offer producers a further voluntary paid diversion beyond the basic requirements of the bill.

– The bill requires the Secretary to allow haying and grazing on diverted acres in 1986 and grazing in 1987-90 if state Agricultural Stabilization Committees request it. The Secretary has discretionary authority for haying in 1987-90.

– The Secretary would have discretionary authority to offer producers a "Target Option Program" under which the individual grower's wheat target price would go up if he elected to use higher levels of acreage reduction and would decline at lower acreage-cut levels. Also optional for the Secretary is a plan varying target price levels for farms of different sizes in an effort to concentrate benefits on medium-sized farms.

– The Secretary would be given discretionary authority under the bill to proclaim marketing quotas for wheat and provide for a mandatory control program. This quota program, if the Secretary should choose to use it, would be subject to approval by producers of wheat in a referendum.

– The bill requires the Office of Technology Assessment to study federal grain export quality standards. It also provides that six months after the study, the Agriculture Department would have to revise its export grading rules, in line with study findings, to protect the quality of export grain.

FOR DAIRY PRODUCTS. The bill is designed to reduce surpluses through a whole-herd diversion program. If this plan has not cut surpluses sharply, substantial support cuts would be authorized beginning in 1988. Chief features include:

– The bill continues the current $11.60 per hundred pound support level for calendar 1986 but also activates an 18-month, farmer-funded program under which producers can voluntarily elect–in return for payments set on a bid basis–to take entire dairy herds out of production in order to reduce surpluses. To fund the program, farmers would pay an assessment of 40 cents per hundredweight during 1986 giving them a net effective return of $11.20 on manufacturing-grade milk. On Jan. 1, 1987, the Secretary would be required to lower the support rate to $11.35 but the assessment would drop to 25 cents. On Oct. 1, 1987, the assessment would end but the Secretary would be required at the same time to lower the support to $11.10. Beginning Jan. 1, 1988, the Secretary would be required to make 50-cent annual cuts in the support rate if surplus purchases are expected to exceed 5 billion pounds a year of 50-cent increases if surpluses are expected to be under 2.5 billion pounds. After the whole herd disposal program ends, the Secretary would have discretionary authority to adopt a diversion program of whole-herd or partial cuts. Differentials used in setting minimum fluid milk prices in some marketing orders would be increased to reflect current transportation costs.

FOR LIVESTOCK. To protect livestock producers in case of heavy dairy cow sales into the meat market because of a milk

(Turn to Page A21)

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Farm Bill 'compromise' package

(Continued from Page A20)

diversion program, the bill requires additional government purchases of 400 million pounds of red meat during the duration of the whole-herd diversion for export or domestic donation. In a related area, the bill includes new authority for farmer-funded beef and pork promotion with a requirement that producers could get refunds of checkoff contributions during the period between the start of the program and later referendums (within 22 months of the start of the beef program and 24-30 months from the start of the pork program) on whether to continue the programs. The beef checkoff would be $1 per head (including imported beef) with a credit of up to 50 cents for assessments of state beef councils; the pork checkoff would be ¼ of 1 percent of the sale price of hogs and imported pork. Also, the bill requires that imported meats, livestock and poultry comply with American standards and residue regulations.

FOR SOYBEANS. The bill continues the basic price support loan rate through 1986 and 1987 at the current minimum rate of $5.02 a bushel. For the next three years, rates would be based on an average market price formula with reductions limited to no more than 5 percent a year and with a floor of $4.50 per bushel. In all five years, the Secretary would have authority to reduce loan levels by an additional 5 percent if necessary to keep the crop competitive in world markets. The Secretary would also have discretionary power to allow repayment of loans for less than the original rate so the beans could go to market instead of government stockpiles.

FOR SUGAR AND WOOL. The bill generally extends current programs. The current wool support would be frozen for five years. Sugar supports would continue for five years at not less than the 1985 level of 18 cents a pound. To avoid a buildup of surplus stocks in government hands caused by forfeitures of support loans when market prices are low, the bill requires that import quotas currently scheduled through Sept. 30, 1986, be extended for at least three months, thus reducing per-month import levels. As an alternative, the Secretary could reduce quota levels to protect domestic prices. Beginning with the next quota year, the Secretary would be directed to operate the sugar program with quota levels which avoid any cost to the government. Also, the bill provides that beginning with the 1987 quota year, no import quotas can be given to countries which are net importers of sugar unless that they do not import Cuban sugar.

HONEY SUPPORTERS would be cut from the present 65 cents a pound to 64 cents in 1986 and 63 cents in 1987. In the next three years the Secretary could make cuts of up to 5 percent annually, and he would have discretion for all five years to allow repayment of loans at below the loan rate.

PAYMENT LIMITATIONS AND OTHER GENERAL COMMODITY PROVISIONS in the bill continue the present $50,000 annual per producer ceiling for program payments. Exempt from the ceiling would be: (1) - target price payments which offset support loan cuts below basic loan levels, (2) - any payments made under several program cost-reduction items which the bill provides for discretionary use by the Secretary, and (3) - any gains farmers realize when paying off support loans at less than the initial loan level. A $100,000 ceiling would be provided for disaster payments to producers of grains, cotton and rice and similar disaster payments are authorized for the 1985-90 crops of soybeans, sugarbeets and cane and peanuts. Advance deficiency payments would be required for 1986 crops using target price programs and would be discretionary in future years, and 5 percent of total deficiency payments could be made in kind at the Secretary's discretion. New provisions for determining crop and total farm acreage bases are included, along with revisions in the farmer-owned grain reserve program putting new limits on the reserve. And in programs using target prices, the Secretary would have discretion to make payments to farmers who are eligible for loans and target prices but agree to forgo those benefits.

TRADE

The bill mandates a payment-in-kind bonus export promotion program designed to make American commodities more competitive in world markets as well as a package of continued and expanded export credits.

The bonus export program provides that surplus commodities owned by the government must be provided to exporters, processors or foreign buyers to encourage the development and expansion of overseas markets for American crops including processed farm products. The Secretary would be directed to use $2 billion worth of commodities for the program over the next three years to counter unfair foreign trade practices and generally to make American products more competitive, and at least 15 percent of the program could be devoted to exports of poultry, meat and meat products.

In the export credit area, the bill requires the Secretary of Agriculture to make available not less than $5 billion annually in short-term export credit guarantees for the life of the bill where such guarantees would improve the competitive position of American exports. The Secretary is also required, for the 1986 through 1988 fiscal years, to make not less than $325 million a year available in cash or in surplus commodities for direct export credits to counter the subsidies, import quotas or unfair trade practices of foreign countries. (The direct credits, whether in cash or in kind, could be used in so-called "blended credit" export programs.) The bill also broadens the purposes for which an existing intermediate (three-to-10-year) export credit program can be used and directs the Secretary to make available intermediate loan guarantees of at least $500 million a year through 1988, with a ceiling in fiscal 1989 of $1 billion. A previously-authorized export credit revolving fund is reauthorized under the bill. Also, the Agriculture Department would be directed to operate a pilot test of barter programs with at least two countries to acquire strategic or other materials for which there are unmet national stockpile goals.

To improve coordination of federal agency programs in overseas food assistance, the bill creates a new Presidential special assistant for agricultural trade and food aid. And to expand overseas food aid and trade

(Turn to Page A22)

MATT 2:11

'And when they were come unto the house, they saw the young child with Mary, his mother, and fell down and worshipped him: and when they had opened their treasures, they presented unto him gifts gold, and frankincense, and myrrh.'

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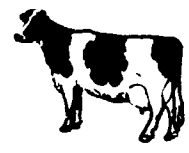

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1985 Farm Bill

(Continued from Page A21)

promotion prgrams, the legislation extends the Food for Peace program and provides that at least 75 percent of the foods shipped under the donation phase of the program must be in the form of processed, fortified or bagged products. For fiscal 1986, shipments under the donation phase would be maintained at the 1985 level of 1.8 million tons. The bill also authorizes expanded operations under a related program providing surplus commodities for needy people abroad and it provides that not less than one-tenth of 1 percent of Food for Peace (PL 480) funds for fiscal 1986 and 1987 must be used for a farmer-to-farmer technical assistance program. Further, the bill creates a new Food for Progress program under which the President would be authorized to donate commodities to countries which promote free enterprise in their domestic food production systems.

The bill includes a section revising existing cargo preference regulations which require that 50 percent of certain government-funded agricultural exports must be shipped in American-flag vessels. The measure states that commodities exported under Public Law 480 (Food for Peace) and other designated assistance programs will be subject to a cargo preference floor starting at 60 percent in calendar 1986 and rising to 75 percent in 1988 and thereafter (in place of the current 50 percent). The bill provides that additional funds needed for these increases would come from the Department of Transportation and it exempts from cargo preference a number of commercial-style export and export credit programs operated by the Agriculture Department including blended credit programs. If the Transportation Department is not able to provide the needed funds, the new provisions would be shelved and existing law would come back into effect.

The bill requires the Secretary of Agriculture and the U.S. Trade Representatives to pursue agricultural trade consultations with major producing countries. Trade-related studies required by the bill include one to determine the impact on U.S. agriculture of imports of Brazilian ethanol, and another on specific unfair trade practices by other countries which affect American exports.

CONSERVATION

The conservation section includes new programs to protect fragile soils and wetlands for future generations and move a substantial amount of erodible land into less intensive use.

For highly erodible land which has not been cultivated since 1980, the bill provides a "sodbuster" program to discourage plowing up fragile soils. If a farmer planted a crop on fragile land in violation of the terms of the bill, he would lose price supports and other farm benefits for all of his croops in the year of the violation. Highly erodible land which was used for crops (or idled under a government acreage control program) between 1981 and 1985 would initially be exempt from the sodbuster penalties, but this "grandfather clause" exemption would disappear for any affected producer who fails to begin applying a conservation plan by 1990 or two years after completion of a soil survey of his land, whichever is later. Producers would have until 1995 to complete application of the conservation plan. A companion "swampbuster" provision would deny farm in benefits to producers who convert wetlands to crop use in the future except in cases where the impact of the action is found to be minimal.

For highly erodible soils which are already in crop use, the bill provides a long-term Conservation Reserve program under which farmers would contract for periods of 10 to 15 years to return 40 to 45 million of such acres to less-intensive uses such as grass or trees, which in some cases may be used to establish shelterbelts. In return for compliance with the contracts, growers would get cash or in kind land rental payments (established on a bid basis) plus payments covering a part of the cost of needed land treatment measures. No more than 25 percent of the land in any county could be enrolled in the Reserve except in counties where the Secretary of Agriculture decides that higher levels would not hurt the county economy. There would be a $50,000 limit on annual payments to farmers under Reserve contracts.

Also, the bill includes an extension of the Resources Conservation Act, requiring the Agriculture Department to produce assessments of soil and water resources in 1995 and again in 2005 to help policymakers develop long-term plans for protecting those vital national resources. A further section permits governors of states which have state laws to protect farmland from urban development to file suits in cases where the federal government has not followed procedures of a federal farmland protection law. (The federal law requires, among other points, that government agencies must consider alternatives before taking actions which result in shifting farmland to nonfarm use.)

The bill requires the Secretary of Agriculture to establish a procedure under which adverse determinations made under these new conservation provisions may be appealed.

The bill authorizes the Secretary of Agriculture to formulate plans and give technical assistance to property owners, state and local agencies, and interstate river basin commissions to protect the quality and quantity of subsurface water, reduce flooding hazards, and control salinity. The Secretary must report to Congress on this matter by February 15, 1987.

CREDIT AND RURAL DEVELOPMENT

The bill reauthorizes and in some cases revises federal farm credit and rural development programs. It requires the Secretary, through September of 1988, to operate a $490 million program under which the Agriculture Department and private lenders would share equally in the cost of a reduction in interest rates for hard-pressed farmers who hold loans guaranteed by the Farmers Home Administration.

The government could pay for 2 percent of the overall "buy-down" or one-half of the total, whichever was less. The bill also includes discretionary authority for a program of planting-season advance commodity loans to farmers beginning in 1986. Authorization ceilings include annual caps for the 1986 through 1988 fiscal years of $3.48 billion for Farmers Home Administration farm operating loans with a phased shift from an equal division between direct and guaranteed loans to a third-year division of $870 million for direct and $2.610 billion for guaranteed loans.

For farm ownership loans, the bill authorizes $520 million annually, beginning with an equal division between direct and guaranteed loans and ending with a third-year division of $130 million direct and $390 million in guarantees.

(The Secretary is authorized to transfer up to 25 percent of each year's guarantee allocation into direct loans.)

For emergency diaster loans there would be ceilings of $1.3 billion in fiscal 1986, $700 million in 1987 and $600 million in 1988. Under other changes made by the bill, disaster loans would no longer be available for those who could get credit elsewhere or, beginning in 1987, to those who do not buy crop insurance when it is available. In addition, disaster loans would be banned for farms larger than family-size.

For rural development programs, the bill authorizes $340 million annually for three years in direct water and waste disposal loans and $250 million annually in guaranteed industrial development loans plus $115 million in direct community facility loans. The bill also provides a new method of determining eligibility for water and sewer loans and grants based on community income and health sanitary needs.

A "clear title" provision in t bill is designed to protect buyers farm products from challenges the title to their purchases whi still allowing lenders to prote liens on farm products. The bi clears buyers from liability liens against the commoditi bought from farmers unless the have been given notice of thos liens directly or via a state centr registry system. The ne provisions will be effective in 1 months, giving time for states t set up central filing systems if the wish to do so.

Also the Agricultre Departmen would be ordered to observe number of new restrictions on th way it handles farmland acquire by government in futur foreclosures on FmHA loans Among other provisions, USDA would be forbidden to sell such land if the sales would depress local farmland values, and first priority in any sales or leases would have to be given to operators of farms which are not larger than family size.

In leases, the bill calls for giving priority to former owners of the land and sales prices must reflect the probable income the land can produce. Where FmHA-owned land is administered under management contracts, contracts must be let under competitive bids with preference to local small businessmen, and the use of conservation practices may be required on land which has been classed as highly erodible as a condition of sale or lease.

The bill allows the Secretary to acquire fromn FmHA borrowers who cannot repay their loans conservation, recreational or wildlife easements on land which has been in crops but is classed as wetland, upland or highly erodible. In return, the Secretary could cancel part of the borrower's debt. Also, the bill gives the Secretary discretion to make loans to distressed FmHA borrowers who plant softwood timber crops on marginal farmland which is security for their existing loans.

The new credit would reamortize the old loans, would be limited to an overall total of 50,000 acres, and would be repayable when the timber produces revenue or withing 45 years.

The bill requires a study of procedures used by FmHA for farmer appeals when loan ap-

(Turn to Page A23)

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1985 Farm Bill

(Continued from Page A22)

plications are rejected, and a further provision creates a new, speedier appeals system using informal meetings. Other amendments require FmHA to process loan applications within 60 days, to provide funds on approved loans within 15 days, and to continue the agency's small farmer training and technical assistance program. Also, when FmHA or Small Business Administration farmer-borrowers are foreclosed or bankrupt, the agencies would have discretionary power to allow the borrower to remain in his home as a renter for at least three years.

RESEARCH

The research section includes a five-year extension of funding authority for agricultural research and extension programs, and a number of new research priority guidelines.

Among other items, the bill authorizes a three-year program of special grants for educational and counseling programs to develop income alternatives for producers who have been forced out of farming by economic stress. It also directs the Secretary of Agriculture to develop "appropriate controls" on the development and use of biotechnology in agriculture. The bill also includes a provision urging USDA to emphasize, in its research and teaching programs, new technology suitable for small and moderate-sized farms. The Secretary of Agriculture would be directed to report on the feasibility of more complete studies of the relationship between diet and blood cholesterol in humans, and dietary calcium and its importance in human health and nutrition.

The bill allows the Secretary to make cooperative, cost-sharing agreements with private agencies, organizations or individuals to develop new agricultural technology, authorizes research on new uses for farm and forest products, and directs the Secretary to conduct demonstration projects on the development or commercialization of crops that would supply strategic industrial products.

Federal agricultural research funding authorizations would be extended through 1990 with fiscal 1986 ceilings including $600 million for federal activities, $270 million for contributions to cooperative research in state experiment stations and $370 million for contributions to cooperative extension programs in states (with $10-$20 million annual increases in following next years for the three programs), and $7.5 million annually for aquaculture research.

The bill authorizes competitive research grants at a level of $70 million for the period covered by the bill and for grants and fellowships for food and agricultural sciences education at an annual level of $50 million. It authorizes the Research Facilities Act for the period covered by the bill at a level of $20 million with a federal-state matching provision for facilities at state cooperative institutions. It authorizes $25 million annually for animal health and disease research. It also authorizes permanent extension funding for the historically black "1890" colleges and universities and $10 million annually for five years for extension facilities at these institutions. The bill creates a new program of agricultural productivity research with demonstration projects to run for at least five years and, if practicable, 12 to 15 years.

OTHER PROVISIONS

The bill provides that in order to prevent damage to older gasoline engines on farms, the Environmental Protection Agency must not reduce the lead limit in gasoline to below 0.1 gram per gallon until Jan. 1, 1988. In the interim, the Agriculture Department and EPA would study the need for lead in engines, completing the study by Jan. 1, 1987 and reporting within six months on whether it would be appropriate to modify future general lead-limit rules in the case of gasoline used for farming purposes.

H.R. 2100 modernizes the federal Virus-Serum-Toxin Act, a law which regulates veterinary biologics, to give the Agriculture Department control over intrastate was well as interstate sales (giving producers of intrastate products up to four years to comply with federal regulations), but would allow states which have effective regulatory systems to retain them. Another provision bans imports of flue-cured or burley tobacco which does not pass U.S. pesticide residue tests used for American-grown tobacco. Also, the bill directs the Agriculture Department to continue random checks to determine if imported Canadian potatoes meet U.S. standards.

The bill revises standards for the humane handling of animals by research facilities, dealers and exhibitors. It directs the Secretary to develop standards containing minimum requirements in areas including housing, feeding, shelter, veterinary care and experimental procedures that minimize pain and distress.

Other sections include: A ban for a total of five years on price supports and certain other farm benefits for persons convicted of growing or storing "controlled substance" drugs; a directive to the Secretary to conduct a pilot project under which wheat, cotton, feed grain and soybean growers in at least 40 counties would test a program of using futures or options markets to protect their incomes (with participating producers assured by the USDA that their returns could not fall below suport loan levels); a requirement that tobacco importers, in addition to reporting the country of origin of the product; must also identify the intended U.S. purchaser; and a provision authorizing watermelon producers to adopt a checkoff program to finance research and promotion.

Also included are provisions to: require the Secrertary of Agriculture Committees before he acts to terminate marketing orders for non-price supported crops; extend the life of a food security wheat reserve; require the Secretary to designate three administrative areas for the selection of community Agricultural Stabilization Committees in all counties with some exceptions such as in counties with less than 150 farmers; require the Secretary to control grasshoppers an Mormon crickets on federal rangeland; and make all rural utilities eligible to borrow from the Rural Electrification Administration also eligible to borrow from the Banks for Cooperatives of the Farm Credit System (at present, eligibility is restricted to co-ops with a specified minimum of farm or aquatic producer-members).

Farm Bill awaits Reagan's signature

(Continued from Page A1)

Congress with the support of the National Milk Producers Federation and other dairy groups, as part of the "dairy unity" package.

In effect, the Farm Bill will lower milk prices 40 cents per hundredweight when the assessment to fund the whole-herd buyout goes into effect.

The 18-month herd buyout plan would go into effect on Jan. 1, lowering the support price to $11.20. On Jan. 1, 1987, the price would effectively drop 10 cents to $11.10, as the listed support would be reduced 25 cents, while the assessment would be lowered 15 cents.

On Oct. 1, 1987, the assessment would end, but the support price would also be lowered to $11.10.

Beginning Jan. 1, 1988, the USDA Secretary would be required to make 50-cent annual cuts in the support price, if surplus purchases exceed five billion pounds a year. He would also be required to raise prices 50 cents, if annual surpluses drop below 2.5 billion pounds.

After the whole-herd program ends, the bill gives the secretary authority to implement either a whole-herd buyout or a diversion program, at his discretion.

The bill also would increase prices in some marketing orders, to reflect current transportation costs.

(An in-depth summary of the Farm Bill appears on page A-XX.)

Lancaster Extension to hold tax meeting

LANCASTER — Professional tax preparers, farmers, and other interested persons are invited to enroll in the 1986 Federal Income Tax Area Meeting to be conducted January 9, in Lancaster County.

The meeting will be held at the Farm and Home Center, Lancaster beginning at 9 a.m. Jesse Cooper and Larry Jenkins with the Department of Agricultural Economics at The Pennsylvania State University and representatives of the Internal Revenue Service will serve as instructors.

Topics to be discussed include preparation of 1985 farm and business tax returns, preparing individual returns, special tax situations, and proposed legislation. New tax forms, new tax rules for the current filing season, and problem areas such as net operating losses will be emphasized during the program.

Call the Lancaster Extension office for information, 394-6851.

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Timonium hosts 12th Mid-Atlantic No-Till Conference

BY JACK HUBLEY

TIMONIUM, Md. — In the midst of a floundering farm economy, Farm Journal's staff economist, John Marten, delivered an upbeat address at the Mid-Atlantic No-Till Conference in Timonium on Wednesday.

Marten named five economic indicators that bode well for agriculture during the coming year. "The massive economic trends that have battered agriculture for the last five years are shifting," he said, pointing out that downward trends in farm production costs, interest rates, the dollar, the deficit and inflation should provide some light at the end of what has become a dark rural American tunnel. "This is the first time this has been true in 10 years or longer," he said.

Turning to Farm Bill '85, which has received the blessing of both the House and the Senate this week, Marten labelled the bill a "handle with no bucket." "It's not a bill that's going to bale us out," he said.

If signed by the President, the bill contains a dairy title that would maintain the milk support price at $11.60 through 1986. This price would include a 40-cent assessment to finance a whole-herd buy-out program. The support price would drop to $11.35 in 1987, and again to $11.10 on Oct. 1, of the same year. The buy-out assessment would likewise be dropped to 25 cents for 1987.

Farmers interested in liquidating their dairy herds would submit a bid to the government. The Secretary of Agriculture would reserve the right to determine if participating farmers would be prohibited from being in the dairy production business for a period of three, four or five years. No more than seven percent of the nation's dairy herd could be culled in any one year, and USDA would be required to buy a predetermined amount of red meat to minimize the program's impact on the beef cattle industry.

Will the buy-out program be effective? Yes, said the economist, labeling it a "golden parachute" program for farmers close to retirement and those in serious financial difficulties.

Marten predicted a three to five-percent increase in general cattle slaughter due to the buy-out program, cautioning beef producers that the buy-out, along with cheap grain and a swine industry "in reasonable shape" would combine to dampen beef prices.

On the subject of grain, Marten noted that prices for all the major grains are currently being maintained at artificially high levels by government loan programs. "If I were you, I'd start selling some of my corn away," Marten advised growers. With the new wheat loan rate set at $2.70 a bushel or less, those storing wheat would do well to get rid of it, he said.

Marten's address capped a morning of presentations by university and government specialists who discussed manure management, weed and insect control with respect to no-till systems.

Unlike phosphorous and potash, nitrogen is a much more difficult nutrient to manage, said Cornell University's Stuart Klausner. Nitrogen is available on a 50-50 basis from both urine and manure solids, Klausner said.

But while the organic nitrogen present in manure is relatively stable, the ammonia nitrogen present in urine is far more volatile. Studies show that 90 percent of the ammonia nitrogen applied to soil and not incorporated, dissipates within two weeks, he said.

Farm Journal's John Marten points out reasons to be optimistic about farming's future.

Penn State's Douglas Beegle underscored the importance of quick manure incorporation when utilizing the nitrogen present in urea by stating that up to a dollar's-worth of nitrogen per ton of manure will be lost by allowing the manure to remain on the soil's surface for more than a week.

"Injection is probably, agronomically, the right way to go(to preserve nitrogen)," said Beegle, "but it's tough to justify economically. It takes an awful lot of time to get out there and inject that manure."

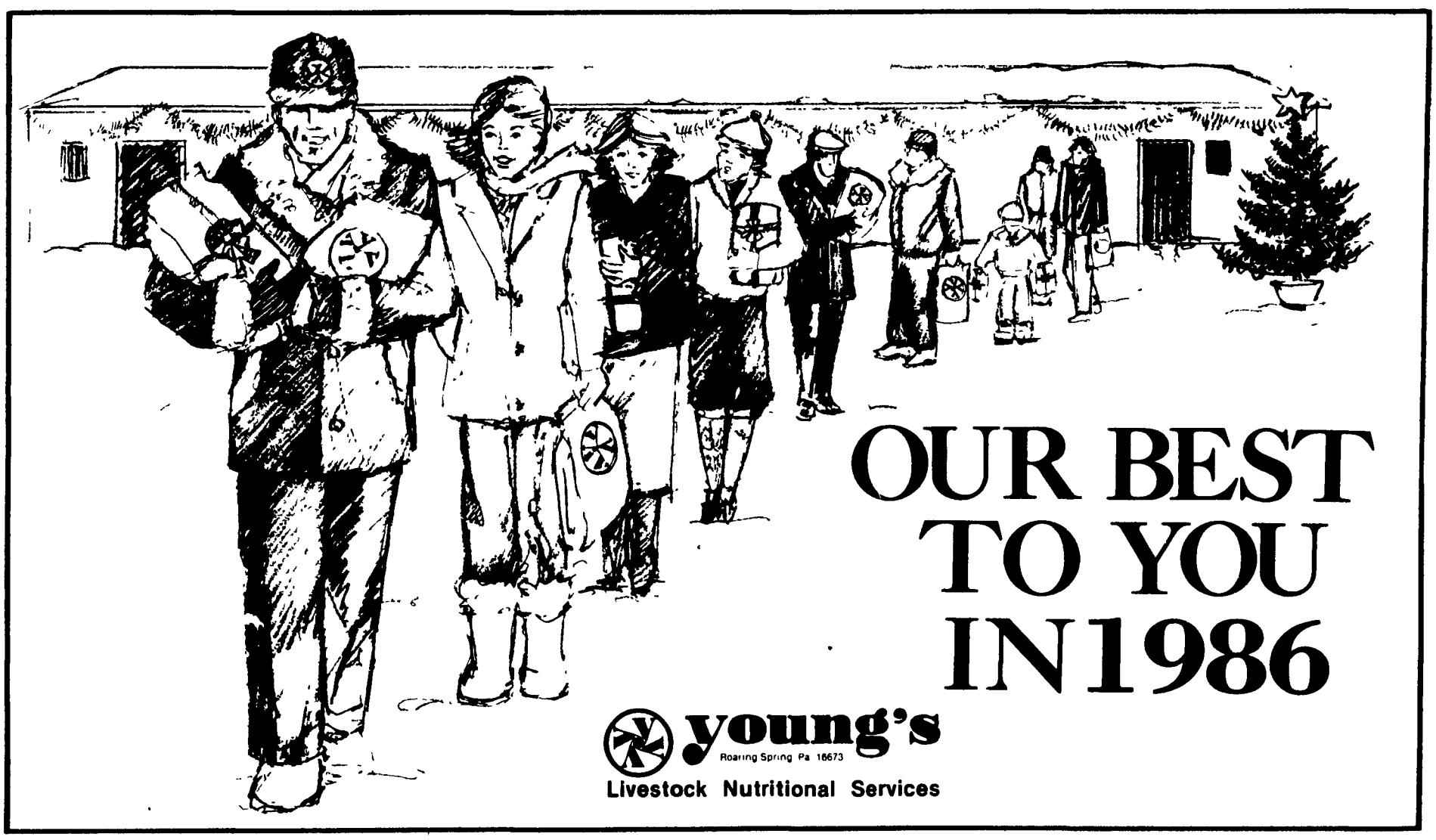
Beegle said that choosing between no-till's soil savings and conventional tillage's nitrogen savings can be a difficult decision for the farmer. One compromise, he pointed out, would be to go with some type of reduced tillage using a chisel plow or heavy disk.

Pat Lietman, of the U.S. Geological Survey, discussed the manure problem with respect to ground water quality. Leitman, who is currently monitoring water quality in Lancaster County's Conestoga River basin, noted that 45 percent of the rural area within her Conestoga Rural Clean Water Project area contained ground water with nitrate levels in excess of drinking water standards. By contrast, excess nitrate levels were found in only 18 percent of the ground water in nonagricultural areas.

Following Lietman were Scott Hagood of the Virginia Polytechnic Institute and Lee Hellman of the University of Maryland. Hagood looked at weed control in corn and soybeans, while Hellman discussed trends in insecticides for the next decade.

The conference's afternoon session included a "Quiz the Experts" panel moderated by Penn State agronomist Lynn Hoffman.

The list of sponsors for this year's Mid-Atlantic No-Till Conference included more than 50 ag-related companies.



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Refreshments

Determining soil loss

CHICAGO, IL – A new concept for predicting soil erosion on hillslopes contests an old theory that long slopes with steep grades erode the most soil. As L. Darrell Norton told the American Society of Agronomy, more soil erodes on slopes of shallow grade and short length.

He said concave (saucer-shaped) depressions with runoff flowing to one basin accumulate the most sediment while convex (arc-shaped) slopes with runoff flowing in different directions cause the most erosion.

The Universal Soil Loss Equation, developed in 1965, only considers soil erosion to estimate average annual loss. Norton's findings show that sediment must be included with soil loss when calculating prediction models.

He used a closed drainage basin (all sediment settling within one field) for his study site. The land, cultivated for 145 years by one family, contained 1-to 5-percent slopes similar to contoured fields throughout much of the Corn belt.

Norton, soil scientist with USDA's Agricultural Research Service, National Soil Erosion Research Laboratory, West Lafayette, Ind., said the most obvious effect of the erosion-sediment interaction on this old watershed was the way the land contours changed and smoothed out through the years. The balance between the shape of the land and how time and cultivation affect it determines the overall erosion rate.

Knowing where this balance shifts–for instance, deposits exceed erosion on long steep slopes with many humps and hollows–is the key to constructing accurate prediction models for a long-term average erosion rate, Norton said.

I'M NOT LION...

The Classified Livestock Section Has Beastly Selections!

Hoffman wins Adams DHIA honors

BIGLERVILLE--"Improving Calf and Youngstock Housing" was the program feature at the 57th annual meeting of the Adams County Dairy Herd Improvement Association held in the Community Firehall at Biglerville, Pennsylvania. The topic and summary of the year's production testing results was presently by County Extension Agent Thomas E. Piper. Awards for production achievements were presented.

DHIA Directors Paul Guise and Jerry Stoner presented trophies as follows:

- Milton R. Hoffman, Gettysburg, 1st high herd with 700 pounds of fat, 18,700 pounds of milk.
- Brown Valley Farm, Littlestown, 2nd high herd, 690 pounds of fat, 19,394 lbs. milk.
- Ray Dutterer, Littlestown, 3rd high herd, 686 lbs. fat, 17,654 lbs. milk.
- Fred and Chris McGillvray, High Cow - Milk, 29,834 lbs. milk.
- Weim Sharr Farms, New Oxford, High Cow - Butterfat, 1,294 lbs.
- Stoner Bros. Dairy, East Berlin High Lifetime - Butterfat, 10,295 lbs. "Cora".
- Penn Gate Farm, Littlestown, High Lifetime - Milk, "Vickie" - 239,528 lbs.
- M.J. Roche, New Oxford, Greatest Increase of Butterfat, 101 lbs. increase.
- Kling Ayr Farms, New Oxford, Lowest Average Somatic Cell County, 127,000.
- Brown Valley Farm, Littlestown, Highest Average Protein Test, 617 lbs.

The following members were elected to three-year terms on the nine-member board: Timothy Brown, Littlestown; Russell Redding, Gettysburg and Gerald Stoner, East Berlin.

Jenny Hess, reigning Adams County Dairy Princess, stimulated the interest of the 125 persons in attendance by administering a quiz on little-known facts about the dairy industry. She reminded her listeners to promote dairy products by serving them to guests during the holidays.

Fieldman Joseph Padasak described the fieldman network for the Pennsylvania DHIA and told of their function as check testers and supervisors of the county supervisors. He told of the new computer being installed to process the records and listed new innovations which this will make possible.

Entertainment was provided by Wayne Rodgers and John Weaner singing duets accompanied by Vincent Lobaugh.

Offered as part of his program to improve calf and heifer management, County Agent Thomas E. Piper presented a slide-illustrated program detailing recommended practices for housing the freshening cow and the seven logical groupings based on age in housing facilities for a calf as it grows from birth to a freshening heifer.

Ayrshire Breeders plan winter meeting

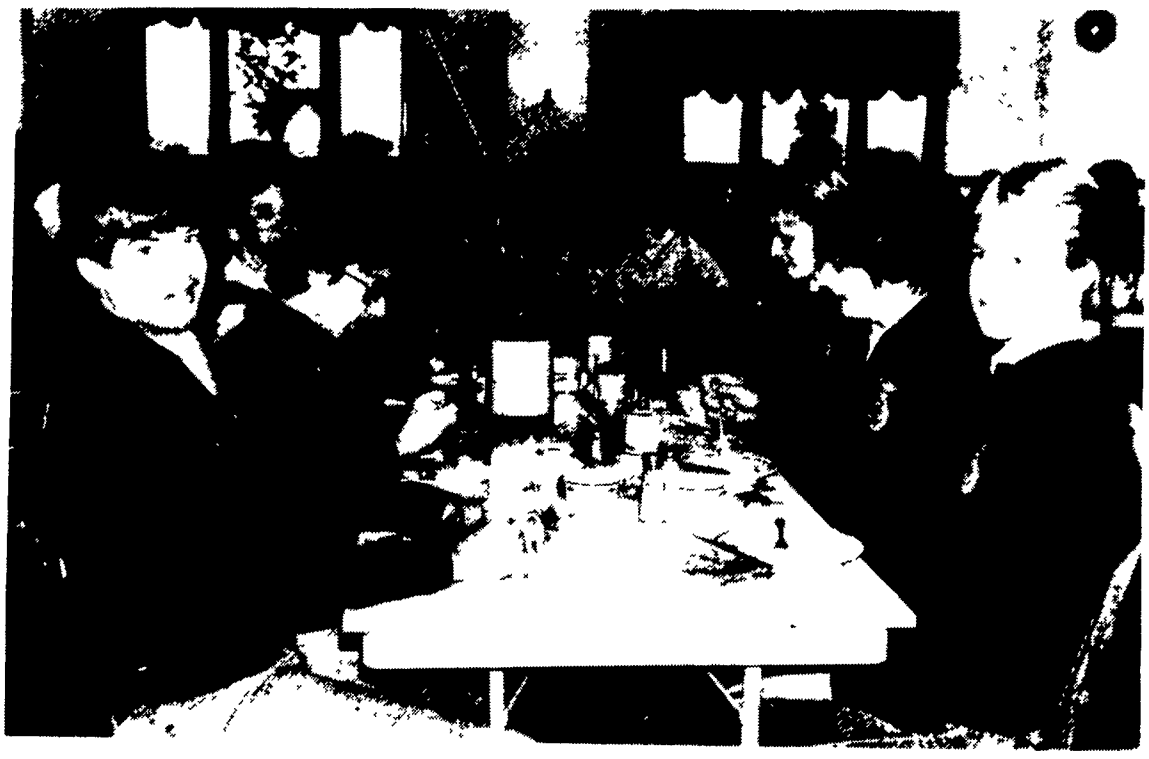
HARRISBURG — The Pennsylvania Ayrshire Breeders Association will hold their Mid Winter Ayrshire Meeting Jan. 14, at 2:30 p.m. in room C second floor front of Penna Farm Show building, Harrisburg, Pa.

The group will finalize plans for the 111th National Ayrshire Convention and sale to be held in Pennsylvania April 22-25.

Planning will include sale program, youth program, Ayrshire Field Day, and young sire program.

Ayrshire breeders are urged to meet with fellow breeders and help plan the future of the breed in Pennsylvania.

To join the Penna. Ayrshire Breeders Association, send $15 for family membership, $5 for youth membership, or $10 associate membership, to Milt Brubaker, Secretary, 595 Snyder Hill Rd., Lititz, Pa 17543.



Breakfast brings in $4,600 for ag land preservation

Members of the Lampeter-Strasburg FFA Chapter enjoy a hearty breakfast at the Family Style Restaurant in Lancaster County on Saturday morning. The Skiadas family, who own the restaurant, donated all the proceeds to the county's Agricultural Land Preservation Fund.

Karen Freeman, farmland preservation specialist, said the benefit attracted about 1,600 patrons and brought in about $4,600 for the fund.

Seated at the table, from left, are Eric Herr, Glen Miles, Ethel Stoner, John Stoner, Brian Weldy, FFA advisor Steve Smith, Bob Wilson, Jackie Shrage, Jim Richards and Scott Thomas. John and Ethel Stoner emply Bob Wilson as part of his work experience program.

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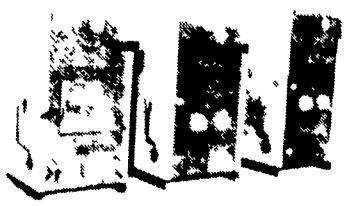

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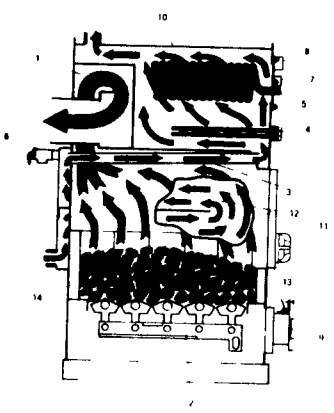

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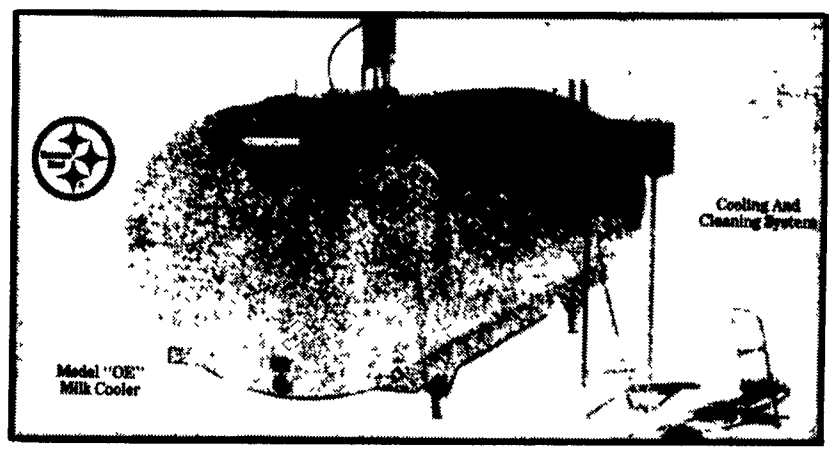

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Farmers need economy that 'stretches to make ends meet'

BY JOYCE BUPP
Staff Correspondent

YORK — It was a panelist at York's Dairy Day last week who summed up what dairy farmers - or all farmers - need most.

"A 'rubber band' economy is what agriculture needs.....one that would stretch to make ends meet," figures Reading farm real estate specialist and appraiser, Richard Brandt.

Brandt, whose Brandt Farm Real Estate firm operates in 12 southeast Pennsylvania counties, was half the panel of two successful ag businessmen who shared their personal philosophies on the subject "Making Ends Meet." That discussion was just part of the day-long program of the annual extension meeting on dairying, held December 12 at the York 4-H Center.

A new twist - management of personal resources - was included in the York Dairy Day program, featuring panelists Rich Brandt, right, and Victor Zeigler, with York dairy agent Shannon Neumann.

Sharing the spotlight was Victor Zeigler, Lebanon County operator of three dairy farms, with additional crop operations, and a rural community activist.

Both hit hard on the same basic approach to dealing with the stress of troubled financial times: focusing on God, finding strength by working with spouse and family, and dealing fairly with creditors.

Brandt urged dairymen to not feel bound to attend every activity and event that comes along, instead being selective about time taken from the farm with meetings and topics applicable to the operation. He further encouraged the barter method of exchanging jobs and machinery with neighbors, and seeking free advice from extension offices and similar resource specialists.

Zeigler, who once lost an entire 70-cow herd to brucellosis, works with aiding young farmers and farm credit counseling. He suggests the establishment of more local "crisis" groups among ag communities, where financially-stressed individuals and families could discuss and share problems in a support setting.

Penn State extension dairy specialist Dr. Joe Hlubik spoke more to the "nuts and bolts" of financial fine-tuning, outlining goals that dairymen can use as guidelines toward more efficient operations.

"Cost control is not necessarily cost cutting" warns Penn State extension dairy specialist Joe Hlubik. Hlubik outlined dairy management efficiency goals during the annual York County dairy day.

His genetic goal recommendations included building a base of cattle for both production and potential, using proven A.I. sires, plus a few young sires, with strict culling of non-performers. While dairymen might be tempted to substitute A.I. with pasture bulls, Dr. Hlubik outlined cost figures for pasture breeding.

Based on maintenance and replacement of three bulls for a 100-head herd, sire costs would be an annual $1800, or $18 per cow, a figure that may equal or exceed A.I. fees on proven sires.

Cost effective calving interval goal is 12.5 months, says the dairy specialist. Just one additional month added to that interval will add an estimated cost of $36 per cow per year, plus a loss of two percent of the potential annual calf crop.

Nutrition goals should aim at balanced rations for all groups of animals on a farm, while earning the highest net return. Quality forage is the foundation of a cost-effective ration, analyzed as it changes, with feed intake measured. Concentrate feeding on a pound of feed to three pounds milk basis is recommended, with feeding changes made gradually. Shopping around for price is cost-effective consumerism, Hlubik adds, and just the simple act of reading a feed label is one way for a dairyman to keep tabs on what the herd is consuming.

"Does three-times-a-day milking pay?" was a question posed by the specialist. Producers can expect a production increase somewhere between 6 to 20 percent with a third milking, but fat test generally decreases by one to two points.

Dairymen considering a change to 3X milking should also evaluate factors such as possible poorer overall management of the herd due to fatigue, increased labor costs for extra milking and feeding time, and even consider additional hoof wear on cattle.

Young stock management can help minimize overall costs, if heifers are grown and bred to freshen from 22 to 24 months maximum, at an estimated 1100-pounds for Holsteins.

York County's dairymen were invited to participate in a new extension computer program, dubbed the Dairy Mini-Analysis.

Initially, participants are asked to fill out an input data sheet, including all income and expense figures, production, animal numbers, crop information and inventories. Once all data is on the computer program, various "what if" scenarios can be studied, for producers considering cutbacks, expansion or other major or minor changes.

All information will be kept strictly confidential, and the Mini-Analysis is available only to dairymen earning at least ninety percent of their total income from milk production.

Producers interested in more information on the Mini-Analysis may contact Johanna Geiger or Roland Freund at the York Extension Office, at 757-9657.

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Cornell slates 'Dairy Days'

ITHACA, NY – Perspectives on the 1985 Farm Bill and the impact of the use of biosynthetic bovine growth hormone following its commercial application are among subjects to be discussed at the 1986 "Dairy Days" at Cornell University, Jan. 14-15.

Sponsored by Cornell Cooperative Extension in cooperation with the Cornell Dairy Committee and the Department of Animal Science in the New York State College of Agriculture and Life Sciences at Cornell, the conference is expected to attract more than 350 dairy farmers from throughout New York State.

Robert L. Thompson Jr., assistant secretary of agriculture for economics in the U.S. Department of Agriculture, will be the keynote speaker. He is scheduled to discuss the Farm Bill during the opening session set for 1 p.m. Tuesday (Jan. 14).

The two-day conference will feature sessions on dairy products and promotion, housing, health and environment, dairy management, and dairy research update. The session on research update will include two talks on bovine growth hormone, which has been found to boost cows' milk yields dramatically in research conducted at Cornell. The new technology is expected to go commercial within the next few years.

In addition, presentations will include using feed additives in dairy cattle rations, new research findings in protein nutrition of dairy cattle, the use of by-product feeds in dairy rations, the impact of somatic cell counts on dairy product quality and yields, and the evaluation of the "National Milk Promotion Program."

Also on the agenda are the new bovine leukosis, bluetongue, Johne's disease program, improving ventilation in free-stall barns, water quality for dairy cattle, the effect of protein on reproductive performance, new research developments in pasture management, the application of controlled concentrate-feeding systems, and cow fertility in dairy herds in New York State.

For information about registration, contact Dee Brothers, 272 Morrison Hall, Cornell University, Ithaca, NY 14853-4801, or call (607) 256-4478.

Pa. Dairymen set annual meeting

CAMP HILL – The Pennsylvania Dairymen's Association will hold its annual meeting and banquet Tuesday, Jan. 14 at the Penn Harris Motor Inn.

Speaker for the event will Walt Buescher, whose talks on ag marketing are humorous as well as informative.

Reception begins at 6 p.m. and the banquet at 6:30 p.m.

Checking hay quality

CHICAGO, IL – The electronic age has finally reached the hay mow, Gordon C. Marten, research agronomist with the U.S. Department of Agriculture, told the American Society of Agronomy here today.

The near infrared reflectance spectroscopy (NIRS) system measures hay quality by comparing the energy reflected back from a hay sample with computerized standards established by conventional laboratory analysis of a large number of reference samples, Marten said. Developed and tested by a team of Agricultural Research Service and University scientists, the system is now being applied in several states by Extension Service and State Department of Agriculture specialists.

By use of a portable NIRS unit in a van, samples can be evaluated in minutes at hay markets so that forage can be bought and sold on a basis of known quality. And, tests made at the farm by mobile units can provide accurate information needed to make decisions about balancing feed rations. Forage researchers are also using the near infrared reflectance spectroscopy system to select experimental plant lines for improved nutritional quality, Marten said.

The properly calibrated system measures forage for protein, fiber, and mineral content as well as for energy values and digestibility. Until development of the NIRS system, it sometimes took up to two weeks or more for producers to receive quality assessment of a forage sample run with chemical procedures at a laboratory, Marten, stationed at the University of Minnesota, St. Paul, said.

The research team has written a publication, "Near Infrared Reflectance Spectroscopy-Analysis of Forage Quality," Agricultural Handbook number 643, to help laboratories equip and operate the system.

"We are working closely with Extension Service and industry people to reach our ultimate goal, which is to establish an improved analytical system for forage and feedstuff quality evaluation," Marten added.

Trappe Farm-City program

State Grange Master Charles E. Wismer, State Agriculture Secretary Richard E. Grubb and pianist Matthew G. Wismer were on hand to help the Keystone Grange #2 in Trappe observe National Farm-City Week. Also on the program was Dr. Ralph Bartholomew, principal of the Walter Biddle Saul School of Agriculture in Philadelphia. The Montgomery County Soil Conservation Service also took the occasion to present its annual cooperator award to Edmond Winnies, a dairy farmer in Limerick.

USDA revises regs for weighing, inspecting grain

WASHINGTON – The U.S. Department of Agriculture has changed some of its regulations concerning official inspection and weighing of grain.

Kenneth A. Gilles, administrator of USDA's Federal Grain Inspection Service, said the changes update existing regulations to reflect current inspection procedures and market practices. The changes, he said, reorganize, condense, and simplify a portion of the regulations.

The revisions delete the former provisions for contracting with individuals for obtaining official grain samples for reinspection or appeal of initial inspection results. Also, the revisions change the regulations in regard to certificating insect-infested grain in railcars or trucks with permanently closed tops.

The new rules become effective Jan. 3, 1986. For more information, contact Lewis Lebakken Jr., Federal Grain Inspection Service, Room 0667-S, Washington, D.C. 20250; (202) 382-1738.

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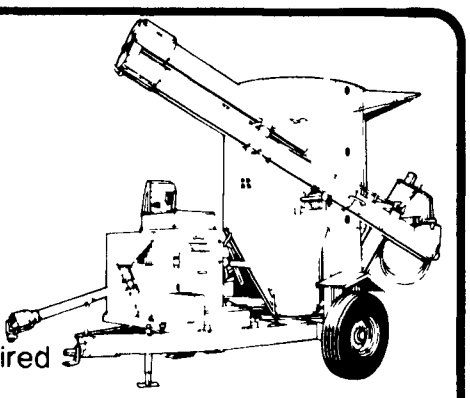

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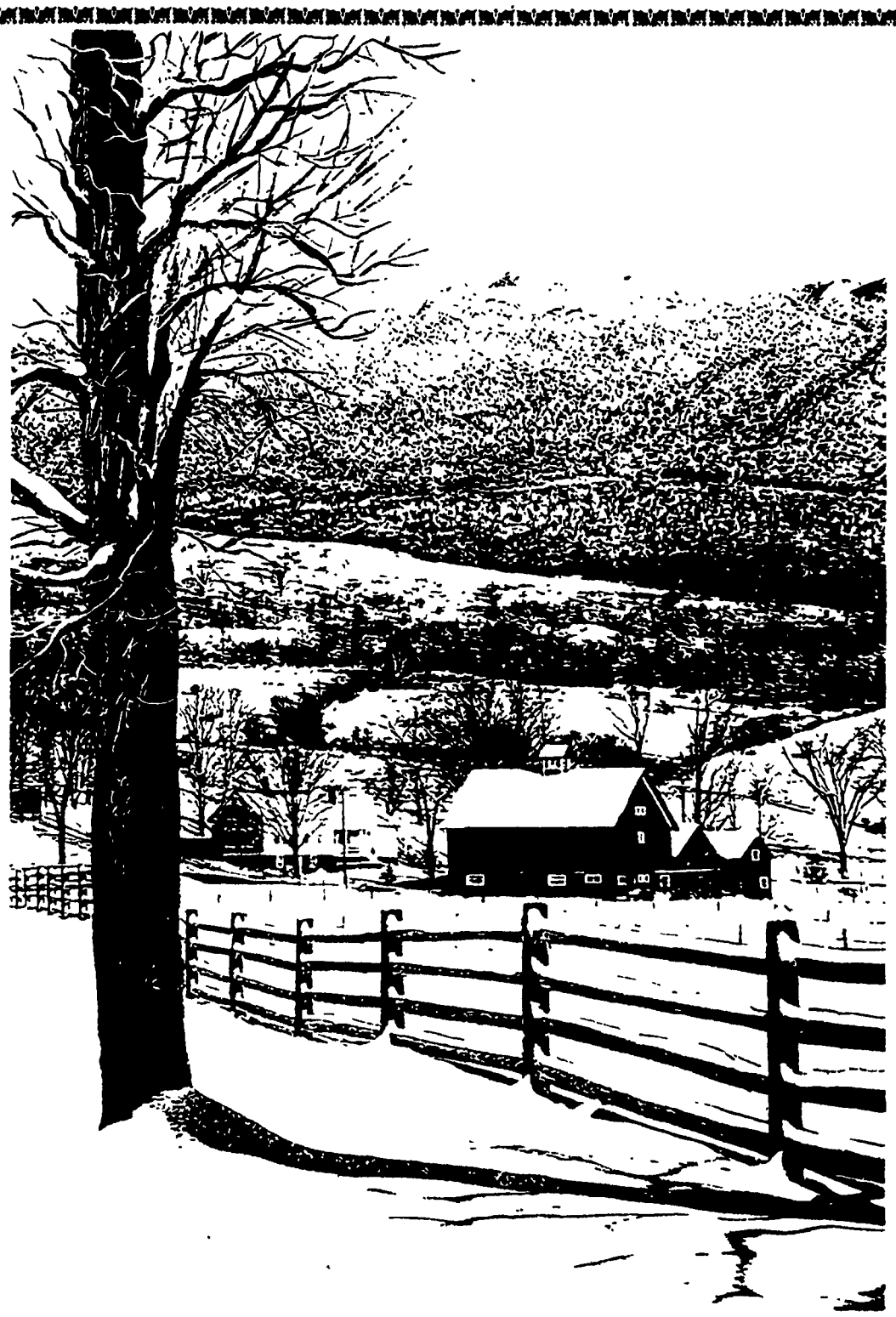

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Pa. Dairy Board sponsors Penn State football games

HARRISBURG – Penn State and Pennsylvania dairymen have more in common than being number one! The Nittany Lions are currently ranked number one in the nation by all the polls, and milk is the number one commodity of the number one industry in Pennsylvania, agriculture.

Now dairymen have become major sponsors on the Penn State football radio and television network as well, it was announced by Donald Duncan, the Robesonia dairyman who heads the Pennsylvania Dairy Promotion advisory board.

The agreement covers the 1986 football season, with "Make It Milk" spots to be aired on 45 radio and six television stations. The total audience could exceed 900,000 each weekend.

The Pennsylvania promotion program has budgeted $2,070,000 for milk advertising, promotion, research and market development in the next 12 months. Over $1,800,000 will be spent for television, radio and newspaper advertising.

During peak months in 1984 and 1985, Pennsylvania dairymen scheduled more than 300 television spots and 1,500 radio commercials to boost milk sales in Pennsylvania. "Dallas" and "The Bill Cosby Show" were among the prime time television programs running local milk advertising. Others included "St. Elsewhere," "Hill Street Blues," "60 Minutes," "A-Team," "Cagney and Lacey," and "Cheers." A new quiz show on public television, "Pennsylvania Game," will be added in 1986.

The dairy program is financed entirely by dairymen at the rate of ten cents per hundredweight of milk, Duncan emphasized. The Berks County dairyman is one of 20 farmers who serve on the advisory board.

The 1986 milk promotion package includes such statewide activities as the dairy princess contest, dairy councils' nutritional work, recipe contests and a recipe media service. Grants for nutritional research and quality control studies have also been budgeted. Local milk promotions will be aided by $70,000 in matching funds.

State dairymen pay five cents per hundredweight of milk into a national advertising, promotion and research program. Some 4,000 contribute another ten cents per hundred to the Pennsylvania Dairy Promotion Program.

All Pennsylvania dairy advertising is produced and placed for the dairy promotion board by HBM/Creamer of Pittsburgh.

Good news for dairymen, said Duncan, is the operating cost of the program. It runs less than two percent of the total budget.

U.S., India join in pest research

WASHINGTON – An international group of scientists has recommended improving the exchange of natural enemies of Heliothis – possibly the most destructive insect pest alive – the U.S. Department of Agriculture announced.

Heliothis – also known as the corn earworm, cotton bollworm, tomato fruitworm, and podworm – feeds on such cultivated crops as cotton, corn, sorghum, and high-protein crops like peas, beans, and peanuts. In caterpillar form, Heliothis causes massive destruction because it is highly mobile, voracious and directly attacks the fruit section of its host plant.

In the United States, the estimated annual cost of destroyed crops and insect control is over $1 billion.

The recommendation for controlling Heliothis grew out of an international scientific workshop in New Delhi, India.

"The control of Heliothis is a world-wide problem. Two different species, Heliothis zea, which inhabits the Western Hemisphere, and Heliothis armigera, which is common to the Far East, are virtually identical," said E.G. King, who is director of the Southern Field Crop Insect Management Laboratory of USDA's Agricultural Research Service, and the chief USDA coordinator of the workshop. "Collaborative research efforts will be beneficial to all affected geographic areas," he said.

Improved Exchange of natural enemies of Heliothis will enhance scientific research efforts. The development of new natural enemies and the ability to mass produce them through research has the potential to create new strains to foster Heliothis control.

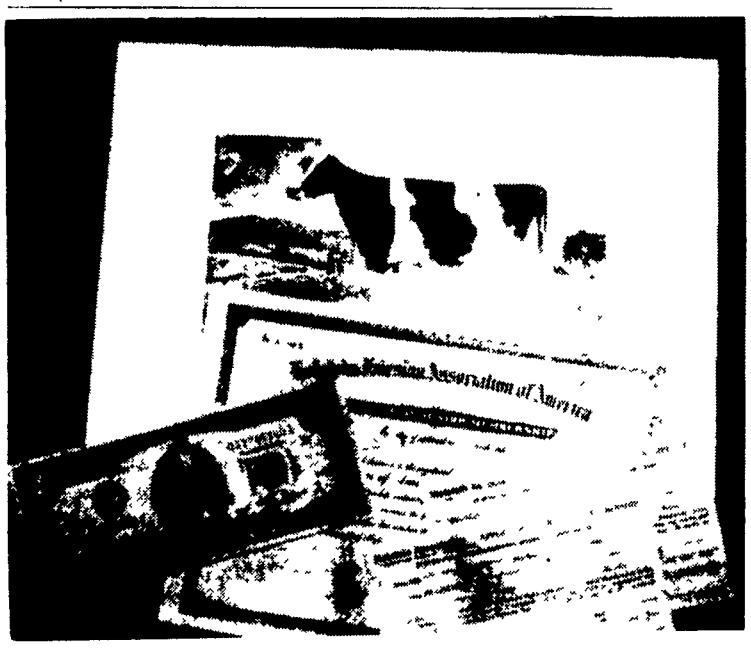
"Biological control is a cornerstone to integrated pest management," said King. "It should be combined with other strategies including cultural, chemical, and genetic control, as well as host plant resistance." Long-term support for biological control studies is needed so that attempts to use natural enemies are based on sound ecological and biological data, he added.

Joan S. Wallace, administrator of USDA's Office of International Cooperation and Development, said the workshop helped scientists to collect, exchange, and disseminate information, and to document progress in the biological control of Heliothis. The forum and the scientific information gathered are a major step in promoting greater worldwide reporting of Heliothis research results.

The November workshop was one of a series of activities commemorating 25 years of agricultural cooperation between India and the United States. It was coordinated by USDA's Office of International Cooperation and Development, International Research Division, through its Far Eastern Regional Research Office, and was cosponsored by the Indian Council of Agriculture Research. Participants from 10 countries included government officials, private enterprise interests and the academic community.

Recommendations of the workshop will be published as part of the workshop proceedings, entitled "Biological Control of Heliothis: Increasing the Effectiveness of Natural Enemies," co-edited by King and Robert Jackson, director of OICD's Far Eastern Regional Research Office.

For more information or questions on the Heliothis workshop, contact Dr. Robert Hedlund, International Research Division, USDA's Office of International Cooperation and Development, Room 4200-AUD, 14th and Independence Avenue, S W , Washington, D C 20250, (202) 475-4750



Last-minute gift idea

Here's a last-minute, bargain-basement-price holiday gift suggestion for any youth interested in the registered Holstein business. Through December 31, any youth, from newborn to age 21, can become a lifetime junior member of the National Holstein Association for $2. As of January 1, 1986, the cost will jump to $15. Benefits include automatic state and county junior membership, reduced registry rates, and periodic information from the associations. Any interested youth may join--there are no minimum age limits or cattle ownership requirements. For further information, contact Ken Raney, membership service director, Pennsylvania Holstein Association, 814-234-0364.

Policy snags hurt grain export

WASHINGTON — Testifying before the congressional agriculture subcommittee chaired by U.S. Rep. Berkley Bedell, D-Iowa, Administration officials have indicated that foreign policy considerations may be hampering the program to encourage grain sales to other countries. The present targeted program may be one reason that the United States lost wheat sales to the Soviet Union.

"The Administration's targeted export enhancement program actually may be discouraging grain exports," Bedell said. "The Administration is offering lower prices to some customers while denying those benefits to our larger customers. This is causing our better customers to put off buying more of our grain at a time when we need to sell as much as possible.

"Administration witnesses have said that foreign policy is among the considerations in deciding what nations will be included in the targeted export enhancement program. If that's true, the Administration may be subject to the law that producers must be compensated if the government embargoes grain for foreign policy reasons."

Bedell's subcommittee has been having hearings on the Department of Agriculture's Export Enhancement Program, also known as Export-PIK (payment in kind). Commodity groups and grain trade representatives who have testified before the subcommittee said the United States may be better off without the export program if it is not changed. Critics of the program would like to see the lower prices offered across-the-board to every grain-buying nation. However, witnesses today said the Administration would oppose an across-the-board export subsidy program.

"We will continue to work to see that the export program is made more effective," Bedell said.

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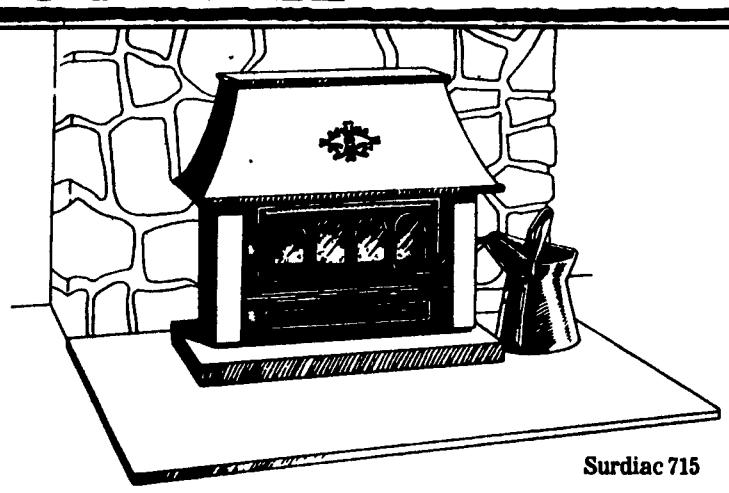
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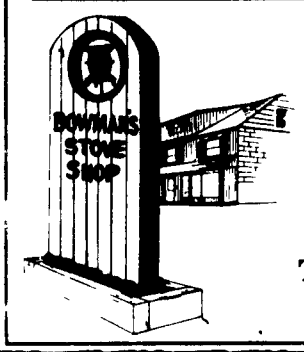

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NI 2 R Narrow Model 325 Pull Type Picker w/Grinder, like new	$4,500
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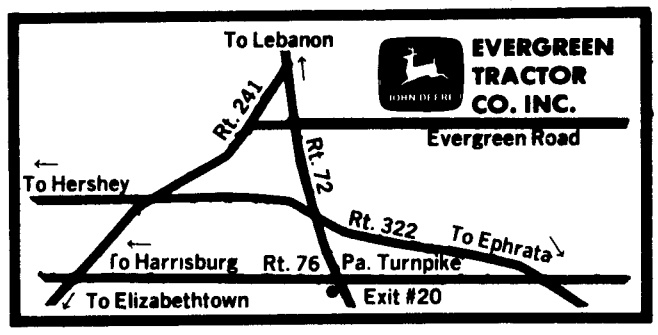

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Dairy Board approves new butter campaign

ORLANDO, FL – "What Butter Brings to Everything is Gold" was approved enthusiastically by the National Dairy Board as the creative theme for its new butter campaign during the Board's recent meeting here.

The theme was one of two final strategies prepared by Tatham-Laird & Kudner, Chicago, which was chosen in October to handle the joint Dairy Board-United Dairy Industry Association (UDIA) national butter campaign.

The network TV and national print campaign will present butter as a fresh, natural dairy product, compared to its major competitor - chemically treated oil and water, or margarine.

"What Butter Brings..." also positions butter as better tasting than margarine, and as a good value for the price.

Production on the first commercial will begin shortly. It is expected to begin airing in February. Print ads supporting the television campaign will run in magazines such as Time, Newsweek, Working Mother, and Cosmopolitan.

The National Dairy Board will spend $6 million to advertise butter nationally during the first seven months of 1986. Another $6 million will be spent on national butter advertising by the state and regional dairy promotion organizations that are members of the United Dairy Industry Association (UDIA) and COW Dairymen, Inc.

The Board also took a big step toward giving appropriate credit to the nation's dairy producers. The Board authorized its staff to develop a new tagline for commercials that would recognize America's dairy farmers, whose investment of 15 cents/cwt. makes possible the entire national dairy promotion program. The Board's name, currently used as a tagline, would appear as part of the tag, as is required by law.

As other promotion groups have expressed interest in crediting producers, this step could lead to a complementary tagling for all dairy promotion groups.

In other advertising action, the dairy calcium campaign received an extra $4.9 million for extended media buying. The new money results from increased milk production not originally anticipated in the budget for the fiscal year May 1, 1985 - April 31, 1986.

The Board also signed off on plans for the spring cheese promotion "Vote for the Perfect Cheeseburger." The promotion will be sponsored jointly by the Board and the Dairy Promotion Federation Association. It will highlight different cheeses that can be used to make exciting cheeseburgers.

A new twist to this annual effort is the involvement of the Beef Industry Council. The Council will sponsor point-of-sale materials in grocery stores' meat departments, complementing the dairy and deli departments' materials.

Nutrition research received a boost with the funding of 17 new projects at a cost of $595,000. This brings to 51 the number of nutrition projects underway, at a funding level of $3,232,000.

Growing scientific excitement over calcium's possible role in preventing or moderating certain kinds of cancers led the Board to approve such new projects as "Inhibiting Development of Colon Cancer by Dietary Calcium," "Prevention of Colorectal Cancer in Animals by Dietary Calcium" and "Effect of Dietary Fatty Acids on Skin Cancer."

Funds also were allocated to support, with the National Dairy Council, a twice-yearly nutrition research conference for selected experts; and for a half-day national. media conference for nutrition, health and food writers on "Women's Nutrition/Health Issues."

Eight new basic product research projects will be supported with $565,721 in new monies. The Board now supports 36 research projects with $3,670,638. In addition, $200,000 was authorized to continue through May, 1986, projects being carried out in the interface laboratory of Dairy Research, Inc. (DRINC), a unit of UDIA.

Statlers among nation's top conservation farmers

Editor's Note: In a feature story appearing in our Nov. 2 issue, we reported that Dice and Roberta Statler of Chambersburg had been named among 10 finalists in a national conservation awards program sponsored by the National Endowment for Soil and Water Conservation and the Dupont Company. Since our story appeared, the Statler farm was named one of the three contest winners. The two other winners are from Nebraska and Washington.

WASHINGTON, D.C., – Farm families from Pennsylvania, Nebraska, and Washington were honored by Agriculture Secretary John Block recently as winners in a national awards program designed to recognize outstanding soil and water conservation practices. The awards program is sponsored by the National Endowment for Soil and Water Conservation and the Du Pont Company.

Secretary Block presented the winners with award certificates at a special ceremony in the nation's capitol. The 1985 national winners in the soil and water conservation awards program are:

–Milton and Verna Fricke, Papillion, Nebraska

–Dice and Roberta Statler, Chambersburg, Pennsylvania

–Read and Deanna Smith, St. John, Washington

The three farm families were selected from 49 state winners in the Endowment's third annual award program.

Dale E. Wolf, group vice president for Du Pont's Agricultural Products Department said the company was pleased to sponsor this program because it "recognizes farmers and ranchers who are committed to conservation."

"Each year, this awards program focuses attention on those farmers and ranchers who work hard to preserve the nation's soil and water resources," said Emmett Barker, chairman of the National Endowment for Soil and Water Conservation. "The national award winners show all of us that conservation farming is productive, cost-effective and responsible. These men and women know what taking that extra step means."

An Endowment Technical Advisory Committee reviewed the exemplary conservation work of the state nominees, recommending 10 national finalists on the basis of their accomplishments in comprehensive soil and water resource conservation and pollution abatement. In addition to the national winners, finalists included farmers and ranchers from Connecticut, Kentucky, Minnesota, Nevada, New Mexico, South Carolina and South Dakota.

The National Endowment for Soil and Water Conservation, established June 1982, is a nonprofit, privately funded organization dedicated to conserving natural resources and fostering a sense of stewardship of the land.

Farm Show Livestock entries

HARRISBURG – Livestock entries in the 70th Farm Show, January 12-17, at the Farm Show Complex have approached the 4,500 mark, according to State Agriculture Secretary Richard E. Grubb.

"This year's 4,480 livestock entries, which includes a record 2,007 prize poultry exhibits, promises to give Farm Show visitors an excellent profile of the quality livestock that Pennsylvania has to offer," said Grubb.

A breakdown of the animal classifications includes 161 horse entries; 406 swine entries; including 200 in the junior market divisions; 665 sheep, with 280 in junior action; 457 beef cattle entries, including 225 in junior competition and a new breed entry, Limousins; 569 in dairy, with 182 slated for the junior show; 175 in dairy goat divisions; and 2,007 in the poultry exhibit. The 1985 show had a total of 4,288 entries.

There is no admission fee for the Farm Show activities, however, there is a $2 parking fee per vehicle on the 60-acre parking lot.

Seasons Greetings

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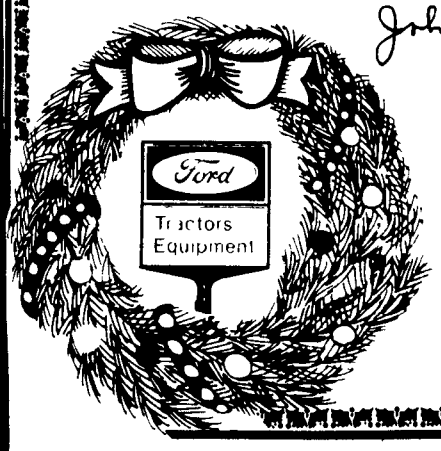

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Planning underway for 70th annual Farm Show

HARRISBURG – Good food, informative exhibits and demonstrations, action packed events and prize livestock are the key ingredients of the 70th Pennsylvania Farm Show, being held January 12-17 at the Farm Show Complex in Harrisburg.

"Planning for the largest indoor agricultural exhibition in North America is complete. The activities in the 1986 show promise to make it a memorable occasion," said State Agriculture Secretary Richard E. Grubb, noting the theme for the 70th extravaganza "Pennsylvania Agriculture -- Growing Ideas For The Future."

Governor Thornburgh is scheduled to preside over opening ceremonies on Sunday, January 12 at noon in the large arena following a non-denominational worship service beginning at 11:15 a.m. The Cumberland Valley High School Band "Symphonic Winds" will provide musical accompaniment for the events.

Following remarks by the Governor and presentation of gifts by 25 of the state's commodity representatives, the exhibition area is officially open to the public, who will find a wide variety of Pennsylvania grown and processed foods available at commodity sales booths on the main floor and the Pennsylvania Food Marketplace located on the lower concourse of the arena.

Exhibits ranging from apiary samples to prize zucchini and home economics and school exhibits, a source of fascination for young and old alike, are always on display throughout the complex during the show. Farm equipment, computers and the latest developments in agricultural technology, and displays from service and support groups, promise to attract the visitor's eye.

Visitors can marvel at the beauty and majesty of the record 2,000 poultry entries expected for this year's show, as well as the statuesque Belgian, Clydesdale and Percheron draft horses, beef and dairy cattle, sheep swine and dairy goat entries. A full slate of livestock judging is held throughout the week.

The half million expected Farm Show visitors can also attend, free of charge, activities scheduled for the large and small arenas.

Secretary of Agriculture's Night, Monday, January 14, features the presentation of several prestigious awards, including the Pennsylvania Farm Family Award, the 70th Farm Show theme Award, and the Pennsylvania Farm-City Awards. At 7 p.m. Jim Shearer of Mountville, Lancaster County, will put his well-trained border collies and sheepdogs through some precision sheep management maneuvers in the large arena. His premiere appearance at the 1985 show brought rave reviews. Also on schedule is a horse and pony demonstration presented by the Cumberland County 4-H'ers and a hitched horse competition.

Tuesday is Master Farmers' Night and brings the Daigozivo Dance Group of Harrisburg for a first-year Farm Show performance. The perennial favorite Pennsylvania Folk Dance Festival, featuring 60 sets of young dancers from throughout Pennsylvania kick up its heels on the floor of the large arena later Tuesday evening.

Meanwhile, in the small arena, sheep enthusiasts will match their skills in the Junior Sheep Blocking and Grooming Contest, which gets underway at 7 p.m.

One of the highlights of the 14-acre exposition is the championship Horse Pulling Contest Wednesday evening in the large arena. Beginning at 4:30 p.m., teams of huge draft horses compete in classes ranging from lightweight to heavyweight divisions vie for top premiums in this true test of animal strength.

Contestants square off at 6 p.m. in the Pennsylvania Sheep to Shawl Contest in the small arena. Auction of the shawls follows the Wednesday contest.

Thursday, the final evening during the show, features the State Championship Pony Pulling Contest, set for 6 p.m. in the large arena.

"The 70th Farm Show offers something for everyone. It is appropriate that we honor the efforts of our farmers and agribusinesses who contribute so much to our way of life here in the Commonwealth," Grubb said.

The show is open from noon until 6 p.m. on Sunday; 8 a.m. to 9 p.m. Monday through Thursday; and 8 a.m. to 4 p.m. Friday. Admission is free. There is a $2 parking fee at the Farm Show Complex. Additional parking, with shuttle bus service is available at the Harrisburg Community College campus.

Pa. Ayrshire group hosts U.S. convention in April

GRANTVILLE – The Pennsylvania Ayrshire Breeders will host the 111th annual Meeting of the Ayrshire Breeders Association April 22-25, at the Holiday Inn, Grantville. The meeting site is just a few miles east of Harrisburg on I-81.

The activities will begin mid morning on the 22 with a tour to Masonic Homes Farms, Elizabethtown, PA. Beautiful stone buildings and carefully manicured lawns and gardens surround the retirement home for members of the Masonic Lodge. The well kept barns house an Ayrshire herd which includes 100-plus milking animals.

Also on the agenda is a tour of Sycamore Meade Farm, in the picturesque Lykone Valley, home of the 'Hi Champs'. You will also visit a neighboring Amish farm. The evening meal will be in the relaxed setting of Camp Hebron, followed by an evening back at the Hotel with the Eshleman Studio presentation.

Wednesday, the main tour day, includes tours of the Dutch country, and the well managed Conebella Farm, noted for cow families and 100,000 pound producers.

The highlight of this national meeting is a tour of the famed Ardrossan Farms.

Ardrossan Farm had its beginning with an importation of animals from Scotland. Over the years that followed, no female animals have ever been purchased as herd replacements.

The operation now is the number one herd in the U.S. for milk and fat production. The day is planned so that you will have time to enjoy Ayrshire cattle and Ayrshire people. We will all gather for a delightful meal in the Dutch Country before returning to Grantville.

Thursday the 24th, will start with the Youth Breakfast followed by the annual meeting. The day concludes with the awards banquet.

The week of activities will climax with the national sale Friday, April 25th at 12 noon. The sale will be held a short distance from the Hotel at the Pennsylvania Farm Show Building. The selection of cattle featuring production and quality will highlight the sale.

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Valiant daughter draws $38,000 at Crawford Winter Sale

MEADVILLE–Crawford County Holstein breeders have succeeded in holding their second "holiday" sale this year [illegible]ch the first-ever Irish Hol[illegible]e attracted buyers from several states and garnered a top bid of $77,000 for Queens Manor.

This month the first Winter Holiday Sale again attracted prospective buyers from Virginia, Michigan, New York and Ohio, as well as long distance travellers from the Keystone state, according to sale chairman Jack Rynd.

But the real news here is the Valiant daughter that claimed the high bid of the near seventy head sold. The dry 4-year old opened the sale with bidding fast and furious with an astonishing $38,000 as the final bid.

Her latest record as a 4-year old shows 29,800 milk, 1059 fat with an incomplete record for 322 day. She is classified VG-87 and carries an index of +1321 milk, +51 fat +173 and CTPI +758. Tom Wilson, one of her owners said she has milked 140 lbs. for the tester before.

Her dam is EX-90 with a 6 yr. old record of 27,450 milk and 1240 fat. She is Rynd-Home Elevation Cupid out of the EX Round Oak Elevation and her dam was 3E92 Rynd-Home Samson Connie who had a lifetime record of 109,540 milk and 4244 fat.

Rynd-Home Valiant Cutie sold on December 12 with a guarantee of five embryos over the next year, according to Wilson. He and A.J. Osborne acquired her as a bred heifer at the Pa. convention sale in Erie in February of 1983 from Rynds of Cochranton.

Tom Wilson and A.J. Osborne retained part interest in "Cutie" while Dr. Larry Spencer and Samuel Spencer are the new buyers. The four of them comprise Imperial C Breeders.

Second high for the day, at $12,000 was Rupp-Vu Ultimate Minnie, EX-93 whose record of 365 days at 4 years, 7 months shows 22,470 milk and 865 fat. She is currently milking in excess of 100# a day. She was also nominated All-American 4 year old in 1984. She was consigned by Grac-Glen Farms of Ravenna, Ohio, one of the few animals not from a Pennsylvania consignor.

Auctioneers "Butch" Crack and Gayle Carson reminded the bidders that "you don't find show cattle in the spring like you do now," and one of them added, "I'd rather show her than show against her, wouldn't you?" With that the bidding continued with the aged cow selling to A-Grand View Farm, Marvin Miller of Middletown, Pa.

Two other animals sold for over $5,000. Seneca-Althea Rotate Amanda-ET a 2 year old consigned by Dale and Jay Wack of Harmony sold for $8,700 to Hardy-Holsteins, Gregg Hardy of Tipton, Michigan. Her dam was EX-90 with a lifetime production of 135,867 milk and 4872 of fat.

The All-Pennsylvania Senior 2 year old, 1985 consigned by Lonnie Mitchell of Saegertown sold for $6,600. She had stood first at the Pennsylvania spring show and the Western Pennsylvania Championship Show this year. She is also a Valiant daughter and is bred to Hanover-Hill Starbuck-EX. Classified at VG-87 she sold to "Butch" Crack of Richmond, Quebec. She is the now known C Shiedells Sparkles.

Several buyers took home more than one animal with the Hart family of Cochranton purchasing the largest number of animals. They purchased six for $10,050.

The sale averaged $2,852 on the cows and $307 on the calves.

Jack Rynd said that he was very pleased with the quality of the consignments and with the help he received from the workers and committee.

Rynd-Home Valiant Cutie in the sale ring, commanding bids over $30,000 at the Winter Holiday Sale.

USDA considers tobacco quotas

WASHINGTON – The U.S. Department of Agriculture is asking for public comments on the size of the marketing quotas for six kinds of tobacco, according to Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Service.

The tobaccos and the principal growing states are: Virginia fire-cure (type 21) and Virginia sun-cured (type 37), Virginia; Cigar filler and binder (types 42-44 and 53-55), Minnesota, Ohio, Pennsylvania and Wisconsin; Cigar binder (types 51-52), Connecticut and Massachusetts; Fire cured (types 22-23), Kentucky and Tennessee; Dark air-cured (types 35-36) Indiana, Kentucky and Tennessee.

According to Rank, USDA will announce final decisions on quotas no later than Feb. 1. In making final quota determinations, USDA will consider any written comments received by Dec. 31, 1985. Legislation is pending that would change the final decision date, Rank said. If such a bill is enacted, the deadline date for comments probably would be extended. Additional details on the size of marketing quotas for thses kinds of tobacco appeared in today's Federal Register.

Comments may be sent to the Director, Commodity Analysis Division, USDA-ASCS, Room 3741-S, P.O. Box 2415, Washington, D.C. 20013. Comments will be open to public inspection during business hours in Room 3741 of USDA's South Building, 14th & Independence Ave., S.W., Washington, D.C. 20250

Five state residents win cameras in ADADC contest

WILLIAMSPORT – Five Pennsylvania residents will receive Ricoh AF-5 35MM cameras as a result of their entries in the "Have a Dairy Good Summer" photo contest. The contest, held this past summer, was sponsored locally by the American Dairy Association and Dairy Council (ADADC).

The five local winners were Julianne Stark, Easton; Mary Crouse, Berwick; Melinda Graybill, Richfield; Mia O'Brien Light, Shenandoah and Richard Cassano from Scraton. These third-prize winners were among half a million entrants who submitted pictures of themselves, friends, and family members enjoying dairy products.

The "Dairy Good Summer" photo contest was designed to challenge the American public's creativity while encouraging them to increase their consumption of dairy products.

The American Dairy Association and Dairy Council is a milk promotion agency funded and directed by dairy farmers from New York, New Jersey and Pennsylvania.

Lehigh Holstein Club meets

GERMANSVILLE – The Lehigh County Holstein Association held its annual dinner meeting December 9 at the Bake Over Inn.

Richard Heyer was elected and Jerry Fleck was re-elected to fill two openings on the association's board of directors. The 4-H members were given awards by the club and State Representative Paul Semmel.

Dave Dunbar, Lehigh County Extension Agent, presented an award to the club for their support of the 1985 National Convention of the Association of Agricultural Agents.

The guest speaker was Kathy Hartung, columnist for The Holstein World and a New Jersey breeder. Mrs. Hartung delivered a very entertaining presentation on the joys and problems of being a farm wife.

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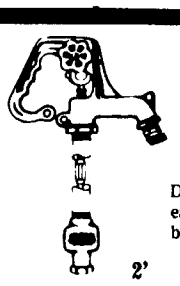

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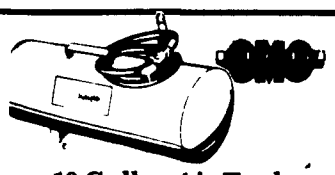

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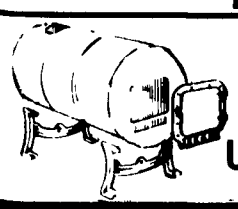

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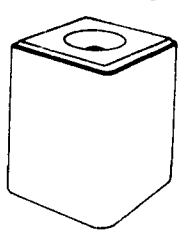

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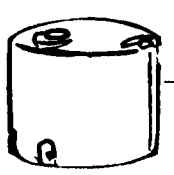

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The Dairy Business

By Newton Bair

Expectations of Christmas

Christmas time is a time of expectation for everyone. For farm people especially, it signals the years end, and a new beginning of Hope.

There is something in the air, something that pervades the environment wherever we go. Maybe it is only inspired by all those trappings that merchants hang all over the place to get us to buy their wares. Maybe it's the music that seeps into our consciousness as we near every Mall or grocery store. Or the jingling of the Santa Bells along the sidewalk, reminding us that the Salvation Army is doing it's thing for the poor.

Christmas brings out the best and the worst in us. We truly want to give, give to those we love, give to those who have less than we do, even give to those we never meet. Giving displays the best side of humans. As long as the gift has no strings attached except love, it is one of humanities brightest qualities.

But we are also haunted by ghosts from the other side of our nature, the side that does not know how to share with others those little bits of good we all have inside us. The sincere smile, a kind word softly spoken, little acts of helpfulness so insignificant at the time but of monumental impact later on. The latent, the hiding, the cowardly and backward Ghosts. These are the ghosts that make us glad when Christmas is over, so they can crawl back into their dark holes in the brain until next Christmas.

The season of Advent is designed to prepare us with a sense of anticipation. We EXPECT great things to happen. What great things? Our mind conjures all kinds of expectations, sometimes bordering on miracles. And they are too often associated with BENDING people to our will instead of BLENDING with the will of others. Those dark ghosts that haunt and sadden the spirit of Christmas are fed and fattened on those false expectations. And they overpower the Happening that started it all in the first place.

Christmas is a time of EXPECTATION. There's nothing wrong with that. Anticipation of good things to come brightens our very existance in a rather uncertain world. That was the message of the Prophets who foretold the event many centuries before it happened. "Comfort ye, comfort ye my People"! The anticipation of the Holy Birth kept alive the hope of survival in the ancient world, when all other hope was gone. But meanwhile, the expectation was distorted in many minds. They invented their own set of events that they wanted and hoped for, instead of the events promised by the Prophets. And when those events didn't occur as they had planned, many people missed the real Miracle of the Holy Birth.

The struggle to grasp the real significance of Christmas still goes on. We continue to anticipate miracles and look for the Star to shine. However we picture the Star, it is something that will brighten our lives. It symbolizes hope. It signals better things to come. It makes life worth living. It recharges our spiritual batteries for another year.

What kind of Miracle dare we expect this Christmas? The inventions of our own that suddenly rights all wrongs, cures all pains, wipes out the debts, and makes everybody love us? Expect them all and more, but the miracle that must occur first is the one that fulfills for us the Promise of Peace and Love of that First Christmas. The other miracles will follow, in their own time, and in their own way.

ASA chief says Farm Bill betrays soybean farmers

ST. LOUIS – Soybean farmers have been betrayed by a double-standard says American Soybean Association president George Fluegel.

"This Friday the thirteenth is not only an unlucky day, it's a day of insult," Fluegel said. "The 1985 Farm Bill reduces the soybean safety net far greater than the income guarantees to other crops. Even more insulting, the Congress has given the Secretary of Agriculture authority to make additional cuts in the soybean program.

"How does Congress expect farmers to feel? First, they denied any meaningful income support for soybeans; then they ask us to trust an Administration which has flip-flopped on soybean policy positions four times in the last three months."

Fluegel said Congress totally ignored the suffering, financial crisis and outright disaster in most areas of the U.S. Many of these current problems began with government embargoes, an overvalued dollar, federal aid to South America soybean farmers and other ill-timed government policies.

"We've been double-crossed," Fluegel said. "Maybe we're naive, but we believed Members of Congress who said they would support the Senate bill which provided soybean farmers a choice of a $5.02 loan or the higher of a $35 per acre or $1 per bushel payment for 1985 soybeans."

Fluegal said soybean farmers owe a big debt of gratitude to congressmen who worked hard to support the direct payment program – Senator Rudy Boschwitz of Minnesota, Representative Bill Emerson of Missouri and Senator Howell Heflin of Alabama and others.

The Conference report on soybeans rapidly reduces soybean loan rates – the amount of money farmers may borrow from the government – over the next four years.

"Congress has made it appear that the soybean loan will remain at $5.02 for the next two crop years," Fluegel said. "But all of us recognize that the Secretary of Agriculture will exercise his authority to lower it five percent to $4.77. In addition, the Gramm/Rudman budget bill could cut the loan even more by 1987."

The Congressional plan for soybeans would set the following loan rates for the life of the 1985 Farm Bill. In all years, USDA has the authority to allow farmers to repay their loans at a lower amount than the loan rate.

YEAR	MAX. LOAN	MIN. LOAN
1986	$5.02	$4.77
1987	$5.02	$4.77
1988	$4.77	$4.53
1989	$4.53	$4.30

"It's not quite as bad as it could have been," Fluegel said. "The final Farm Bill does provide farmers 52 cents a bushel more in the next two years than the plan the House of Representatives adopted in October. From that respect, soybean farmers can find slight satisfaction that their hard work succeeded in getting some additional support from Congress."

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If you stick together we can obtain more interest in your Type 609 tobacco from more companies and this will bring you higher prices.

We are scheduling sales for December 30 and January 3. We will receive tobacco for these sales on December 27 and 28 for the December 30 sale. We will receive tobacco on January 2 for the January 3 sale. Those farmers who have scheduled to bring their tobacco in on January 3 for the January 6 sale should try to reschedule to bring their tobacco in on Jan. 4.

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Dairy Marketing

Order 4 milk set at $12.65

ALEXANDRIA, VA – Middle Atlantic Order Market Administrator Joseph D. Shine today announced a November 1985 base milk price of $12.65 per hundredweight and an excess milk price of $11.17. The weighted average November price was $12.57 and the butterfat differential for the month was 16.0 cents. The base milk price was up three cents from October but was $1.58 below last November. The weighted average price was up two cents from October and was $1.67 below last November.

Mr. Shine said that the November volume of producer milk pooled under the order, 512.7 million pounds, was up over 43.8 million pounds or 9.4 percent from last November. The average daily delivery per producer of 2,557 pounds in November was up to 220 pounds or 9.4 percent from a year earlier. A total of 6,683 producers supplied Order 4 pool handlers during the month, four fewer than last November. Class I produce milk totaled 248.6 million pounds and accounted for 48.49 percent of total producer milk receipts in November. The November 1984 Class I utilization was 53.14 percent. The volume of Class I producer milk was down slightly from a year ago. The volume of Class II milk was up 44.4 million pounds or 20.2 percent from a year earlier. Base milk accounted for 88.11 percent of total November producer milk deliveries, down significantly from 94.15 percent last November. The average butterfat test of producer milk was 3.76 percent in November, up slightly from a year ago.

Order 4 pool handlers reported Class I in-area milk sales of 212.2 million pounds during November, an increase of 2.6 percent from a year earlier, after adjustment to eliminate variation due to calendar composition.

Forwood attends NMPF meeting

SYRACUSE, NY – Earl R. Forwood of Hop Bottom, PA, President of Eastern Milk Producers Cooperative Association, Inc., attended the annual meeting of the National Milk Producers Federation held recently in Orlando, Florida. NMPF is the political action organization of the nation's dairy industry.

Forwood is a member of NMPF's nominating committee, the group responsible for reviewing and selecting candidates to serve as officers of NMPF and as members of their executive committee.

Forwood commented on the close working relationship which exists between Eastern Milk Producers and National Milk Producers Federation, citing as an example the work done recently to defeat the Olin-Michaels and Hawkins-Moynihan amendments. These amendments, if passed, would have severely affected the financial position of the nation's dairy farmers. Forwood stated that Eastern will continue to work closely with the National Milk Producers Federation to assure a viable farm bill is produced by the Senate-House Committee.

Eastern Milk Producers is the largest milk marketing and bargaining cooperative in the Northeast with more than 4100 members throughout New York, Pennsylvania, Vermont, New Hampshire, Connecticut, New Jersey, Maryland and Delaware.

Order 2 milk set at $12.30

NEW YORK – Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during November 1985 will be paid on the basis of a uniform price of $12.30 per hundredweight (26.5 cents per quart). Market Administrator Thomas A. Wilson also stated that the price was $12.40 in October 1985 and $13.91 in November 1984. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund returned $2,438,487.98 (including $416,981.33 interest) to the dairy farmers' uniform price for November, or $.266 per hundredweight. The fund was generated by reducing the uniform price paid to producers during the high-production spring months.

A total of 16,437 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 917,872,507 pounds of milk during November 1985. This was an increase of 7.2 percent (about 62 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $116,685,593.39. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 395,012,311 pounds of milk for Class I, 43.0 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test, and skim milks. For November 1985, handlers paid $13.37 per hundredweight (28.8 cents per quart) for Class I milk compared with $14.89 a year ago.

The balance (522,860,196 pounds or 57.0 percent) was used to manufacture Class II products including butter, cheese, ice cream, and yogurt. Handlers paid $11.25 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For November 1985, there was a price differential of 16.0 cents for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City

Dairy Board names VP

ARLINGTON, VA – James P. Waters has been named Senior Vice President of Marketing and advertising for the National Dairy Board.

Waters is responsible for management, oversight and implementation of the Board's approximately $70 million marketing and advertising programs. A 15-year veteran of the advertising business, Waters came to the Board from Doyle Dane Bernbach/Denver, where he was Group Account Director for a number of advertising and marketing programs.

Previously, he was Vice President of Hanson Advertising, Billings, MT. Waters also spent eight years with Chestnut Hill Farms, Parma, MI., where he directed marketing and operations for agri-businesses. He also directed program planning and execution for commodities.

Waters has been an account executive with Leo Burnett, Chicago, and Clinton E. Frank, Chicago. He began his marketing career with Dow Chemical Co.

A graduate of Michigan State University, Waters is a member of the American Advertising Federation and the Denver Advertising Federation.

In addition, Marlin C. Harmon, Ph.D., has joined the National Dairy Board's staff as Director of Product Research and Development.

Before joining the Board, Harmon was Senior Microbiologist for the National Food Processors Association in Washington, D.C. While there he was involved in aseptic packaging evaluation, heat treatment of salmonella in low water activity foods, and the monitoring of issues relating to biotechnology.

Raised in Southern Utah, Harmon earned his B.S. degree in Zoology and Chemistry and M.S. in Microbiology at Brigham Young University, Salt Lake City, UT., and received his Ph.D. in Food Technology from Purdue University, Lafayette, IN.

Harmon has authored or co-authored 12 scholarly articles and presentations in various professional journals.

He is a member of the American Chemical Society, the Institute of Food Technologists, the American Society of Microbiology, Gamma Sigma Delta (agricultural honor society) and Phi Tau Sigma (food science honor society).

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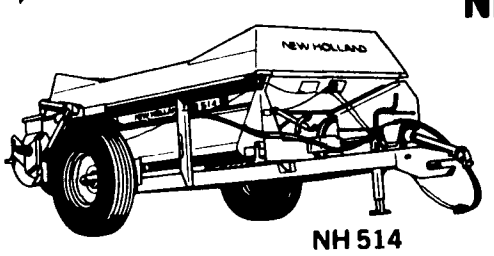

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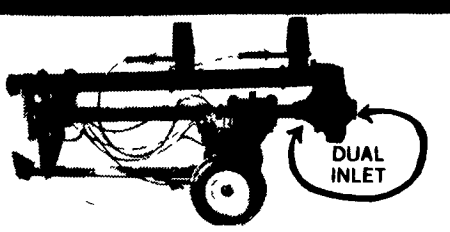

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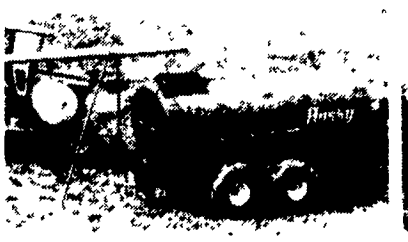
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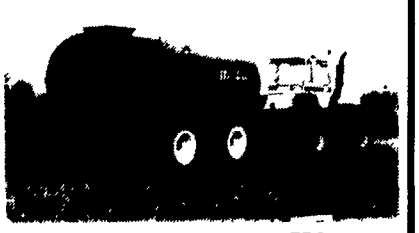
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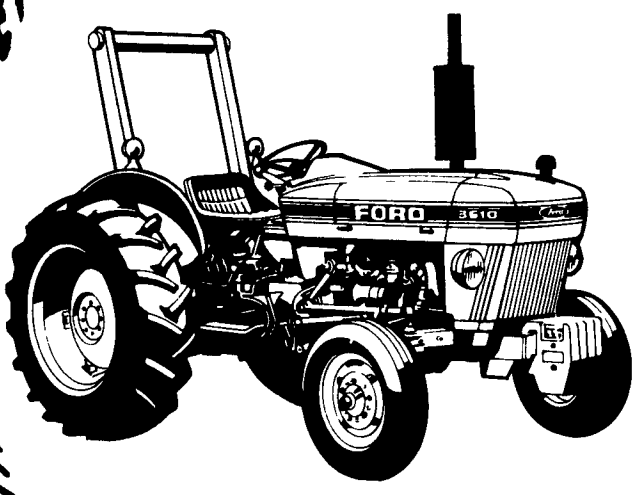

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Farm Show to feature 25 commodity 'spokespersons'

HARRISBURG — Agriculture is Pennsylvania's number one industry, but there are many segments ranging from apples to strawberries, and baked goods to mushrooms.

Many of these segments have taken the initiative to increase their profile in the consumer marketplace by engaging in promotional activities. One of the most popular ways is to have a spokesperson tout the merits of a particular product or service in appearances and public events across the Commonwealth.

That's just what 25 of the state's major agricultural commodity groups will be doing at the 70th Pennsylvania Farm Show, January 12-17.

"Visitors to the show can see all the major commodity representatives in one place and learn what Pennsylvania agriculture is all about," said State Agriculture Secretary Richard E. Grubb. "The Farm Show, the largest indoor agricultural exhibition under one roof, is a fine example of the diversity exemplified by these groups," he added.

Participating in this year's show are: Apple Queen, Elizabeth Etter of Chambersburg; Bakery Foods Representative, Tom Thompson of Allentown; Candy Queen, Diane Crawford of Harrisburg; Cattlemen's Queen, Melanie Hemminger of Somerset; Dairy Goat Youth Representative Jonathan Merkle of Warriors Mark; Dairy Princess, Elizabeth A. Heald of Spring Mills; Draft Horse & Mule Queen, Laura Lee Lindsay of Greencastle.

Also, Evergreen Queen, Catherine Kunkle of Marion Center; FFA Representative, Julie L. Hess of East Earl; Flying Farmer Queen, Joanne Sweigart of Elizabethtown; Flying Farmerette, Suzanne Younker of Bethel; Grape Queen, Kimberly Hines of North East; Honey Queen, Carol Mummah of Mifflintown; Keystone Pony Pulling Queen, Elane Adams of Greensburg.

Also, Lamb and Wool Queen, Lisa Shaffer of Hooversville; Maple Sweetheart, Julie Ann Robinson of Austin; Mr. College of Agriculture, William Lesher of Bernville; Ms. College of Agriculture, Ellen Cherchuck of Carlisle; Mushroom Queen, Teresa Leigh Pizzini of Landenberg; Peach Queen, Jill Edwards of St. Thomas; Pork King Dave Leabhart of Elizabethtown; Potato Queen, Janeen Beck of Tionesta; Poultry Queen, Stephanie Lynn Yost of Lancaster; Red Cherry Queen, Kimberli Detwiler of Aspers; and Strawberry Queen, Susan Smith of Muncy.

Purdy among Angus Foundation inductees

ST. JOSEPH, Mo. — Five men who made major contributions to the improvement and advancement of the Angus breed and the American Angus Association were inducted into the Angus Heritage Foundation, November 18, during the 102nd Annual Meeting of the American Angus Association.

The Foundation inductees were Carlton Corbin, Fittstown, Okla.; Ora Erdmann, Wetonka, S.D.; and Lloyd Miller, St. Joseph, Mo., and two who were inducted posthumously Herman Purdy, Alexandria, Pa., and George Edwards, Ames, Iowa.

Herman Purdy was influential as a teacher, cattle judge and Angus breeder. He helped develop the famous Bardoliermere 2nd line at Ohio State University. As a coach at Pennsylvania State University, Purdy coached 19 judging teams and won 8 major contests. He retired in 1972 and founded Huntingdon Farm at Alexandria, Pa. During his career, he judged over 1,200 shows in 44 states and 9 countries. Purdy died June 30, 1985 while attending an Angus field day.

Carlton Corbin of Fittstown, Okla., founded the Emulous line of cattle when he purchased Emulous of Sangamon in 1934. This bull sired Emulous of Stoneybrooke, the forefather of the Emulous line. Corbin, through his Stoneybrooke, herd became a leader in performance testing. He bred 28 Certified Meat Sires including Emulous 7000, the first one.

Ora Erdmann decided in the early 1940's to breed big, strong, functional Angus cattle at his ranch near Wetonka, South Dakota.

He melded three traditional bloodlines - Revolution, Marshall Pride and Eileenmere. His linebred herd preserved many Angus characteristics that were neglected in the 1950's and 60's. The Erdmann herd was discovered in 1968 and it played an important role in the Angus breeding revolution that began about that time.

Herman Purdy

Lloyd Miller of St. Joseph, Mo., was hired in 1946 to develop a public relations program for the American Angus Association. He originated many of the advertising and promotion plans that helped make Angus the nation's major beef breed. Miller was director of public relations until 1968 when he was named the Association executive secretary, a position he held until his retirement in 1978.

George Edwards was a native of Glamas, Angus, Scotland. He was the herdsman at Iowa State University for 42 years, and showed four International Livestock Exposition grand champion steers and three reserve grand champions and some 20 International breeding cattle champions. His biggest influence at Iowa State was on the students who worked for and with him.

The Angus Heritage Foundation was initiated in 1983, by the American Angus Association in its centennial year. Copies of the Angus Heritage Foundation publication are available free from the American Angus Association.

Concert band set for Farm Show

HARRISBURG — Cumberland Valley Symphonic Winds, a select group of 75 students at Cumberland Valley High School in Mechanicsburg, will perform during opening ceremonies at the 70th Farm Show on Sunday, January 12.

The Symphonic Winds, one of three concert bands at Cumberland Valley, has won awards during the last few years in concert and sight reading at the Virginia Beach Music Festivial and the Universal Festival of Bands in Toronto, Ontario. The band received a top rating at the Dickinson College Wind Festival, and was selected to perform at the Pennsylvania Music Educators Association Conference in Lancaster. They performed as part of the Veterans Day Program at the Navy Ships Parts Control Center in Mechanicsburg, and regularly perform three concerts a year at their high school.

John Bugosh is the director of the Symphonic Winds, as well as the marching band, jazz band and ninth grade band.

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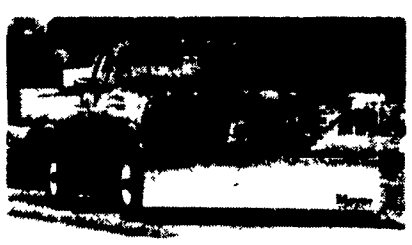

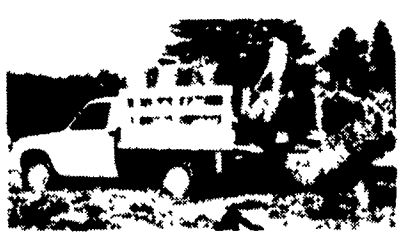

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Delaware hires market expert

DOVER — Delaware Agriculture Secretary William Chandler, Jr. has announced the addition of a marketing specialist in the Agriculture Departments Commodity Development Section.

W. Robert Smallwood will coordinate all international trade activities of the Department, in addition to his other agricultural marketing duties.

Smallwood was formerly Export Sales Manager for Draper-King Cole, a vegetable processing firm in Milton, Delaware. He has handled the companies export sales in many foreign countries and has experience in all aspects of international trade involving food and agricultural products.

Smallwood will represent the department on the Governor's International Trade Council, the Eastern United States Agricultural and Food Export Council, and he will coordinate all Foreign Agricultural Service (USDA) programs in the State.

Our first goal is to identify current exporters and update our list of products grown, produced or processed in Delaware that can be exported," said Chandler. "Then we'll begin contacting potential exporters and help them decide if the export market is for them. Bob's experience in the day to day trading of food and ag products should prove to be very valuable to other Delaware companies," he said.

The hiring of the International Trade Marketing Specialist is part of the overall marketing plan initiated by the Governor's Council on International Trade. A similar position is in place at the Delaware Development Office, and assistance is being provided by the Small Business Administration, the Department of Commerce and the U.S. Department of Agriculture.

Delaware officials hope to take advantage of the states' proximity to the Northeast's major ports, including the Port of Wilmington.

Winter crucial for farm wastes

WEST CHESTER — More and more farmers are becoming concerned about the management of the animal waste on their farms. There are two good reasons for this. First, the plant food value they are losing and the stream pollution which is happening. These things are a result of spreading manure on frozen or snowcovered ground. Then, when it rains, the manure is washed away.

Proper storage and application are the key factors in preventing those problems. Animal waste can be stored over the winter months, then applied in the spring when plowing is done.

Other conservation practices may be necessary to reduce surface water runoff and keep animal waste from getting into the streams. The Soil Conservation Service of the U.S. Department of Agriculture can provide technical assistance in the development of a waste management system. For further information, contact the SCS at 235 West Market Street, West Chester, PA, 19382 or call 215-696-0398.

Farm Show Fact Sheet

DATES–January 12-17, 1986 (Six days and four nights)

HOURS–12-6 p.m., Jan. 12; 8 a.m. to 9 p.m., Jan. 13-16; and 8 a.m. to 4 p.m., Jan. 17

THEME–"Pennsylvania Agriculture–Growing Ideas For The Future." This year's show seeks to emphasize the accomplishments, leadership and technological impact of Pennsylvania agriculture, our number one industry.

ORIGIN–The Pennsylvania Farm Show was developed from a handful of exhibits and demonstrations during annual meetings of various farm organizations during the early part of the century. The Farm Show, first held in January 1917 at the Emerson Brantingham Building in Harrisburg, is now the largest free indoor agricultural exposition under one roof.

PURPOSE–To promote Pennsylvania agriculture by recognizing the outstanding achievements in Pennsylvania's largest industry.

ATTENDANCE–Official estimates of attendance were discontinued in 1976, but the record attendance for that year's Farm Show was 750,000.

VISITORS–Farm Show patrons represent a wide spectrum of occupational backgrounds, ranging from farmers and farm families to city, suburban and government employees. Farmers, agricultural and agribusiness leaders from at least 20 states, Canada and several other nations, attend this unique agricultural event each year.

COMMERCIAL EXHIBITORS–More than 250 commercial exhibitors, accompanied by eight commodity food booths and four food booths sponsored by religious organizations.

COMPETITIVE EXHIBITORS–Approximately 8,000 individual entries of farm and farm home products are attractively displayed throughout the show. Except for certain classes of poultry, all entries are limited to Pennsylvania producers. The first Farm Show featured 440 entries.

VALUE OF EXHIBITS–Commercial and competitive exhibits are estimated at over $25 million.

PENNSYLVANIA FOOD MARKETPLACE–25 Pennsylvania food processors and retailers feature displays, samples and sales of a variety of Pennsylvania food products for the fifth consecutive year. The Marketplace is located at the North end of the lower concourse of the large arena.

PENNSYLVANIA FARM COMMODITY BOOTHS–High quality Pennsylvania farm products are the focus of the Pennsylvania Food Center along the east wall of the main exhibit hall. Tempting delights are offered by statewide dairy, poultry, livestock, potato, honey, mushroom, vegetable and horticultural associations.

EDUCATIONAL EXHIBITS–Informative and thought provoking displays by state and federal government agencies, farm organizations and state universities are located throughout the entire complex.

PREMIUMS OFFERED–Over $145,000 in premiums offered in 30 departments. Plaques and other prizes are provided by the Farm Show Commission, breed associations and various other organizations. The 1917 Farm Show offered $735 in premiums.

LIVESTOCK SHOW–The largest state livestock show in the Northeast, with 2,500 head of horses, beef and dairy cattle, swine, sheep and dairy goats entered.

POULTRY SHOW–Heralded as one of the largest in the nation with approximately 2,000 entries.

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GARAGE EQUIP: F.S. Perkins Co. Lathe w. 6' bed-asst. chugs & 12" swing, glass grinder w. stones & cutting tools, complete Porta Power, Champion 2 cycle air compressor, elec. metal saw, manual 28 T. fl. press, wall drill presses w. asst. bits, acetylene outfit w. torches-tank & buggy, frame straightening ramp, Snap-on tire changer, Kellogg air guage, honeing sets, armeture growler, generator tester w. lathe & table, Snap-on torque wenches, battery testers & chargers, to chains, gear chain hoists, asst. motors, asst. sizes heavy duty drills-grinders & sanders, vises, asst. C clamps, numeral dies, calipers, micrometers, cutters, compression tools, block honeing machine, elec. brake riveting machine, Bear head light tester, spark plug machine, valve grinding machine, bench grinder, propane sodering tank, reamers, tap & die sets, ½ & ¾" socket sets, ½ & 5/8" drills, lead working tools, wood bits-planes & levels, work benches, Key machine & stocking, pin asst. kit for locks, approx. 14 asst. sizes small-med.-& large safes, safe type dbl. dr. utility cabinets, file cabinets, piston water pump, Homart garage furnace & stoves, tool boxes, 20' ext. ladders, fire ext., welding rods, Freone, drums & cases of motor oils & gear lube, 400 gal. No. 2 fuel oil, tire pumps, asst. elec. motor pulley, ropes, blowers, I beams, 2 to 25 T. hyd. jacks, fl.-ladder-safety & R.R. jacks, sledges, large asst. hand tools-sockets-wrenches-hand hones & cutters-guages-testers etc., boxes of carriage & machine bolts, 5 platform scales, sgl. phase ¾ h.p. elec. meat grinder, tons of scrap iron, etc.

ANTIQUE CAR PARTS & ACC.: 2 Model A Ford engines-asst. fenders -door-windshields, asst. of glass, Model T coils, brake lining, boxes of plugs, ignition parts, 100's of gaskets & fan belts, bulbs, hose, shocks, springs, bearings, mufflers, starters, generators, 50 antique car seats, tires, large asst. auto. manuals early 1930's, radio & automotive magazines.

ANTIQUES: 4 Spool cabinets, Oak desk-sliding dr. cabinet- 27 drawer file cabinet-rnd. table-3 dr. 6' long candy case & hi back swivel chair, beds, tavern table, couch, chairs, lanterns, radio speakers, Seth Thomas 8 da. wall clock, watch repair tools & watch & clock parts. Conostoga wagon top, wooden hay wagon, 2 wheel cart, Coke therm., cash register, approx. 35 original Sears catalogues, calanders etc.

AUCT. NOTE: This was a 3 generation business, many antique parts & tools not listed, a sale you will want to attend.

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FRI. DEC. 27 - 1PM Short Notice Sale of 50 head from Roy Knopp Estate. Located Green . Dragon Livestock Sales, 1 mi. N. of Ephrata on State Street. Walter Risser, Proprietor

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Sleigh-100 pieces
Carnival Glass
Antiques

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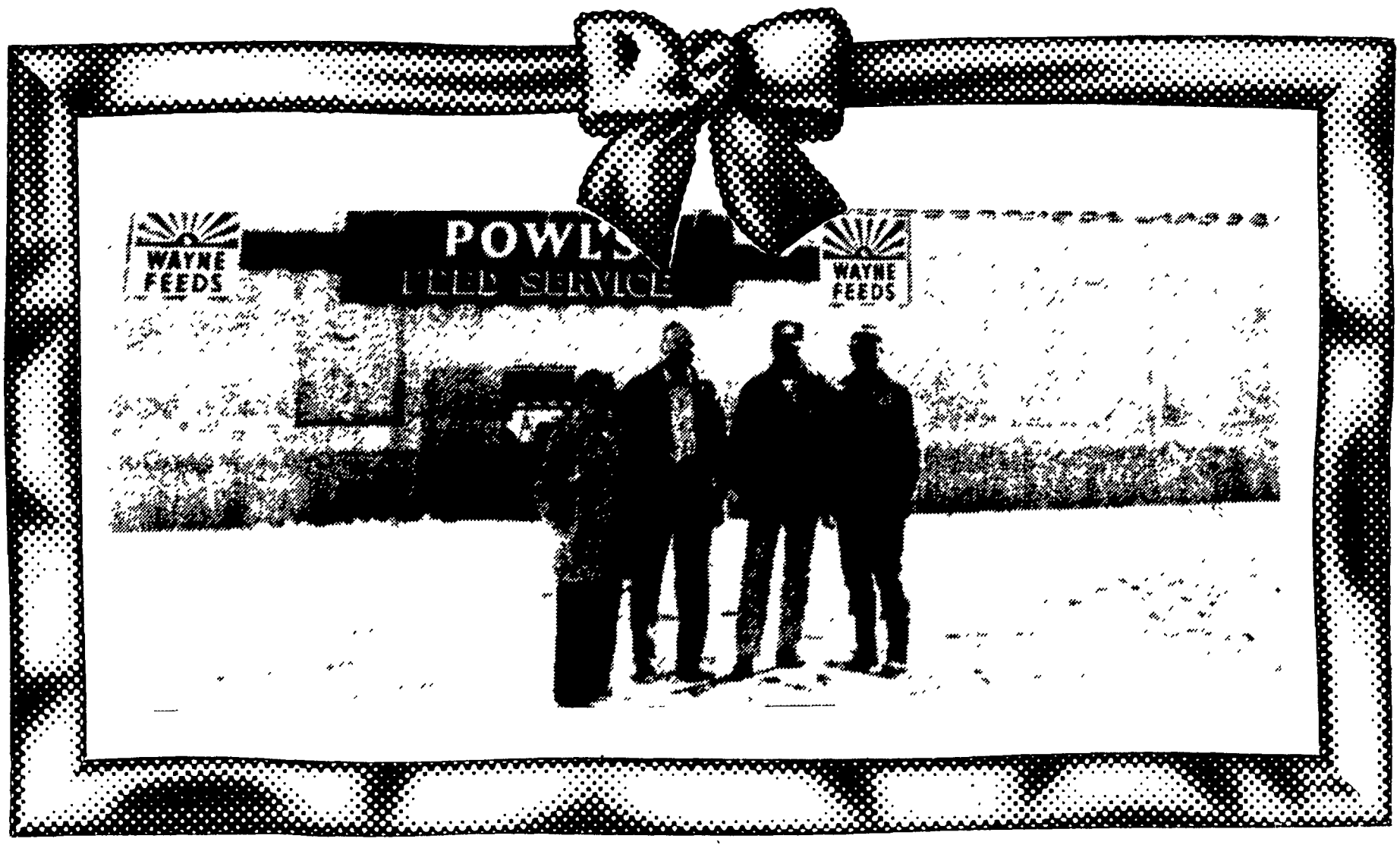

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Christmas cookies: a fun family tradition

BY SALLY BAIR
Staff Correspondent

PENRYN — Baking cookies at Christmas time is a long standing tradition in this country, and one which is usually welcomed by the family. After all, when you've baked cookies, you not only have a great gift, but your family can enjoy them as other preparations continue.

Each year members of Nora Myer's family gather to make cookies as a family project. Nora doesn't remember how old the custom is, but it began when she lived on their farm at Penryn with her husband and small children. She got together with her sister and sister-in-law to make holiday treats.

"What really started this thing is when I worked at Brethren Village as a cook and people would donate cookies. We decided to get together and take cookies to homes as a donation. We didn't have a big variety, but we could make up nice trays to put on the table," Nora relates.

She is now retired as food service supervisor at the Brethren Village, but continues to be busy as a volunteer, and also works at Minnich's Farm Bakery two days a week.

The custom continues today with her daughter, Dolores Ebersole, whose home next door on W. Newport Road is used as the base for the cookie making; her two daughters-in-law, Judy and Dot Myer, and eight granddaughters and granddaughters-in-law all gather for the activity.

Most family members live within several miles of one another, so they can easily get together. There are now two great grandchildren, but decorating sand tarts and tasting are the only two ways they help. Daughter Dolores Ebersole's home is the natural selection, because it boasts double wall ovens.

Some baking is done at Nora's home as family members begin to arrive at Dolores, also, the family takes the opportunity to have a large dinner in the middle of the day, and the traditional pig stomach is roasted at Nora's home. "We don't get together at Thanksgiving, so this is kind of our Thanksgiving," Dolores explains.

In addition to bringing cookie supplies, everyone brings a covered dish to round out the meal. The men, who make themselves scarce throughout the morning, appear at noon just as the meal is ready. The bakers are ready for a break, and it is a pleasant interlude before the baking continues. The process does not stop completely, however, because cookies which require extended baking are put in during the meal.

The day of cookie making used to be a weekday, but with so many family members employed outside the home, the tradition has been moved to a Saturday.

Since the family begins arriving as early as 8 a.m., they come with cookie dough already mixed. Nora explains, "Each mixes her own the night before, and some even bake cookies before they come. Everybody has to bring cookie sheets."

We talked first in Nora's kitchen where she was busy stuffing the pig's stomach and granddaughter Andrea Ebersole was baking shellbark cookies and bagging them. They had begun baking at 7 a.m., and Nora had picked the meats from the shellbarks earlier in the fall.

To help with the distribution to the seven families involved, the cookies are bagged in equal quantities of one-half to one dozen depending upon the size.

Over the years the process become almost automatic. When asked how they choose which kinds of cookies they will make, Andrea said they usually discuss it by phone. Nora added, however, "It's gotten to the place where we don't have to talk about it."

She added that each family brings ones that are family favorites. There are some individual requests fulfilled such as making some sand tarts with no nuts. Chocolate chip cookies are a perennial favorite.

The variety ranges from every imaginable kind of drop cookie, to sand tarts, pecan tasties and pastel cream wafers. When finished, there is something for everyone, and enough for a delightful looking cookie tray as a gift, or just good eating.

Once the baking begins, one person usually just watches the two ovens. With two trays in each oven, it is a feat to take them out at just the right time, and to make sure the ovens are always full. This job seems to belong to Dolores.

Nora says, "It is easy to forget where you are or to start doing something else and forget. We don't set the time; we just keep watching it." They also set the temperature at 375° F. and just forget it, assuming that opening the door frequently keeps it about 350°F.

Dolores adds, "When we are baking a lot like this someone should be posted at the oven door because you can't keep track of it with a timer."

Is it hard to keep from eating too many cookies? Andrea, 15, says "We do sample them to make sure they taste right." But apparently the sight of so many cookies is too overwhelming to overeat. Dolores states, "You eat for a while, then it doesn't taste good anymore."

What happens to all the cookies? Nora says, "We use them for making up gift trays and to eat at the holiday. We also freeze them and use them as we need them." In fact, Robin Ebersole, a granddaughter-in-law, says she usually has enough to keep her and her husband in cookies throughout much of the year.

The kind of cookies being baked does change. Making gingerbread boys used to be a custom. Dolores notes, "We outgrew our gingerbread cookies. We used to decorate them with icing tubes." Nora pointed out that despite the fact that they were nice to look at, "They were not a tasty cookie."

Of course, everyone could bake cookies on their own, but as Dot Myer says, "We wouldn't have the variety if we baked on our own. Each year we started making more and more." Sister-in-law Dolores added, "I can't remember baking them alone."

(Turn to Page B4)

Dolores Ebersole spreads icing on butterscotch cookies as they begin to cool on her large kitchen table.

The fourth generation seems ready to take over part of the responsibility of cookie making. Here Brandon Ziegler, 3, helps to divide the cookies as he gingerly lifts them from the cooling table.

Judy Myer and daughter, Jennifer, 16, work side by side in the Ebersole kitchen as they move the cookie process along.

Robin Ebersole, left, and Gwen Myer take cookies off the trays as they are removed from the oven. They cool on paper toweling, then are packed into plastic bags to make room for more cookies.

Homestead Notes

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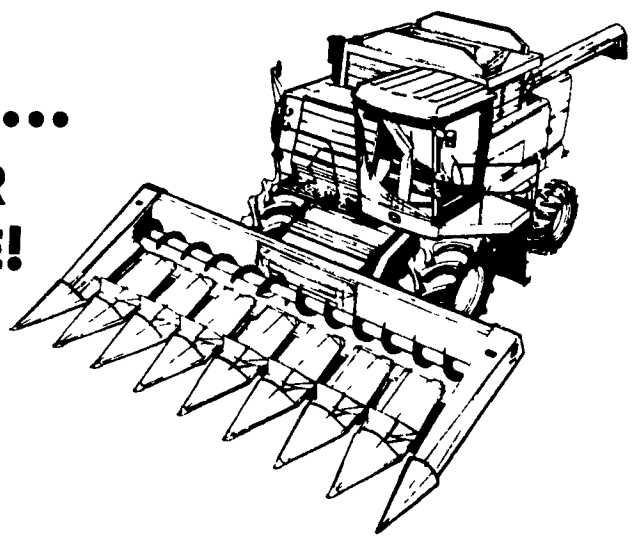

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JOHN DEERE

Christmas cookies

(Continued from Page B2)

They do try to add one new cookie each year, often supplied by Nora who finds interesting recipes to share.

Cookies are not the only joint project of this family. As time allows, they have gotten together to make doughnuts and chow chow, both projects which can be more fun together. They used to get together for homemade ice cream as well.

All day each person takes responsibility for certain jobs, with very little direction. Grandma Nora rolls out the huge quantity of sand tarts, and granddaughters appear to do the decorating. They are very meticulous. If there are angels, they get eyes. If there are lamps, they get yellow flames. Christmas trees are green with balls.

Nora explains that the secret to perfect sand tarts is using real butter. For this family of farmers, using real dairy products is important.

When cookies come out of the oven, there is someone waiting to take them off the trays and onto the paper towels for cooling. There are always trays of completed cookies waiting to put into the oven. And as they cool, someone carefully puts them into plastic bags for the final distribution. Plastic containers and boxes fill every available space in the large kitchen.

It is a day of working together, catching up on family news and just good fun. After eleven hours of baking, the tired bakers have 350 dozen delicious Christmas cookies to their credit. The rest of the season can be spent in other preparations with the knowledge that there are many good cookies just waiting to be eaten.

Dot Myer stirs brown sugar icing for butterscotch cookies, a family favorite, and one of about 18 different kinds which get baked before Christmas.

On being a farm wife - And other hazards

Joyce Bupp

It started out as just a "weed"–
A pasture cedar tree–
Now in its boughs hang ornaments,
Sweet memories for me.

Once shiny balls, their colors worn
Some twenty years have hung.
We bought them at a public sale
When we were both quite young.

Panda bears of black and white
Still ornament some spots
They're tokens from the junior choir
Back when our kids were tots.

These strands of white are Styrofoam,
Once packaging material
I guess to real popcorn strings
They might be thought inferior.

The children strung them years ago
And that's what makes them nice;
Plus, Styrofoam-unlike popcorn–
Has no appeal to mice

Snowflakes, from a crafty aunt,
Crocheted with care from strings,
Add touches of a snowy white.
Such dainty little things.

A pink clay bird, a wicker cat,
And satin balls in red,
The string of lights adds glowing tones.
Except the bulb that's dead.

One Santa Claus -of wrinkled felt -
He came from kindergarten.
A tiny train with wind-up switch
That stubbornly won't start in.

Just ornaments, put here and there,
No theme–nor rhyme–nor reason.
Except that each is precious, and
Thus makes our tree more pleasin'.

Let's hang our trees with memories;
Collect them far and near.
And put them in our Christmas trees
To recollect each year...

...That Christmas isn't presents,
Except sent from Above.
It's hope and joy and peace. But,
Even more than that. It's Love.

From all of us...to all of you:
A most blessed Christmas!

Montgomery County teens win 'I Dare You' Awards

CREAMERY – Leslie Bartholomew of Royersford, Leslie Russo of Lansdale and Candy Heacock of Salford, were awarded the national I DARE YOU Leadership Award by the Montgomery County 4-H clubs.

The recipients were selected for the award in recognition of excellence in character and well balanced personal development as well as leadership potential.

Leslie Bartholomew is a teen leader with the Trappe 4-H Community club and has also been active with the 4-H Exchange club.

Leslie Russo serves as a teen leader with Lansdale Lassies 4-H club teaching clothing construction skills to other members. She has also won numerous honors for her clothing projects and at the county and regional 4-H Fashion Revues.

Candy is a teen leader with the Salford 4-H Community Club in the areas of home environment, crafts, careers and rocketry.

In addition to the national recognition received, the award provides the recipients with a copy of William H. Danforth's book, "I Dare You," and a personalized certificate. In his book, Danforth challenges readers to aspire to their highest potential, to attain constructive lives of service and citizenship and to commit themselves to excellence.

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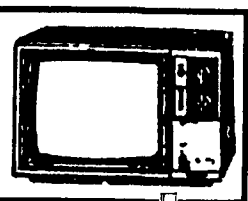

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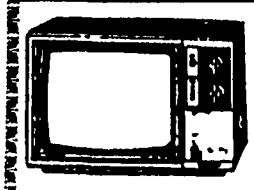

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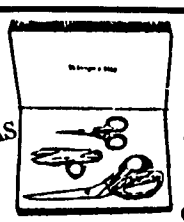

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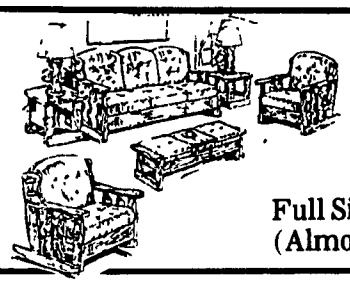

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Have You Heard?

By Doris Thomas
Lancaster Extension Home Economist

Holidays are for the Birds and Berries

Cranberries are one of our few native North American fruits. No wonder we're proud of the little red berries around which a legend has been built. The Indians prized them long before the Pilgrims arrived. Delaware Chief Pakimentzen is known to have distributed them at tribal peace feasts, and in a way that tradition is preserved at holiday time.

Over the years, cranberries have collected an interesting and colorful history. Medicinal powers were attributed to them, and local medicine men brewed cranbeery poultices to draw poison from arrow wounds. During the heyday of the Clipper ships, American ships carried cranberries in their holds to be eaten by sailors to ward off scurvy, much as the English sailors ate limes.

As cranberries became more available, their uses increased. They're sauced, jellied, juiced; new recipes arrive yearly for relishes, salads, meat accompaniments, drinks, desserts. Their ruby red color and sweet-tart taste make them a natural holiday item. Their good qualities make them a popular year-round food item.

Something colorful--especially for the holidays.

Mulled Cranberry Drink

4 cups cranberry juice
2 cups apple juice
2 cups orange juice
1/2 cup maple flavored syrup
1 tsp. ground cinnamon
1/2 tsp. ground nutmeg
1/2 tsp. ground cloves

Combine all ingredients; heat just to boiling point. Pour into mugs and serve hot. Suggested garnish; marshmallows. Serves 6.

Be Ready for Fire

During the holidays, electrical decorations and evergreens in the home increase the dangers of fire. Home fires take over 6,000 lives every year, so for your family's safety prepare for fire emergencies so you won't be part of that number.

Here are some tips:

Figure out at least two escape routes to the outside from every room in the house, especially bedrooms. Allow for blocking of stairways and halls by fire.

Make it a rule to sleep with bedrooms doors closed. Since many home fires break out after the family has gone to bed, the closed doors will hold back flames and smoke, allowing extra time for you to escape.

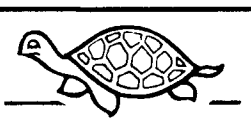
For escape from upper floors, use porch and garage roofs, ladders, or trees as ways down to safety. Be sure exit windows work easily so that even a child can open them. And make sure windows are low and large enough to climb through.

Pick an outside assembly point, well away from the house, and be sure everyone understands the rule "Once out, Stay out."

Know how to call the fire department from a street alarm box or a neighbor's telephone, and call them as soon as everyone is out of the house. Remember: it's people, not possessions that are important. Leave the house quickly and don't waste time trying to save valuables. They can be replaced...lives cannot.

A little planning ahead can make your Christmas and your whole year a happy and safe one.

DON'T BE SLOW



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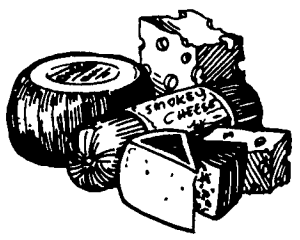
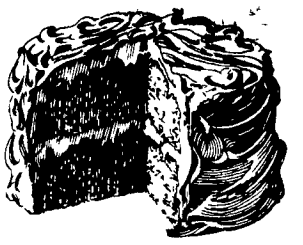


Home On The Range



Greet Christmas carolers with holiday treats

When Christmas carolers come knocking on your front door, treat them to cookies and festive hot chocolate or refreshing eggnog. The singers will enjoy your treat as much as you treasure their cheerful carols.

If your house is the last stop on the carolers' tour and you are preparing a more substantial feast, you might want to include curry fondue, a holiday sandwich wreath and a cheese log on your menu.

Recipes for these treats and others are found below. Select those you think will please your guests — and have a very Merry Christmas!

BUTTER JEWELS

½ cup butter
⅓ cup sugar
1 egg yolk
½ teaspoon vanilla extract
1 tablespoon fresh lemon juice
1 tablespoon grated lemon peel
1 tablespoon grated orange peel
1 cup plus 2 tablespoons all-purpose flour
¼ teaspoon salt
1 egg white, slightly beaten
½ cup finely chopped nuts
Candied red and green cherries, halved

Cream butter in large mixing bowl. Add sugar and continue beating until blended. Beat in egg yolk, vanilla, lemon juice and peels. Combine flour and salt; add to creamed mixture; blend well. Chill dough. Preheat oven to 300°F. Shape into 1-inch balls. Dip balls in egg white, then in nuts. Place on buttered cookie sheets. Press a candied cherry half onto top of each cookie. Bake 20 to 25 minutes. Remove to wire rack to cool.

CURRY FONDUE

1 10¾-ounce can condensed cream of chicken soup
2 to 3 teaspoons curry powder
¼ teaspoon ginger
1 small clove garlic, crushed
3 cups (12 ounces) shredded Swiss cheese
1 tablespoon all-purpose flour
¾ cup dairy sour cream

Heat condensed soup, curry powder, ginger and garlic in 1½-quart saucepan. Toss together cheese and flour. Add cheese to soup over low heat and stir until cheese is melted. Stir in sour cream. Transfer to fondue pot. Serve with a selection of the following: celery sticks, carrot sticks, cherry tomatoes, apple slices; cubes of pear, ham or chicken; chunks of French or rye bread; cooked whole shrimp.

AUNT SOPHIE'S SKILLET COOKIES

Melt 2 sticks margarine in large skillet; add 1½ cups sugar. Mix in 1 pound chopped dates; cook until soft. Beat 2 eggs, 2 tablespoons milk, 1 teaspoon vanilla and add to date mixture. Boil for 2 minutes. Add 1 cup chopped nuts and 4 cups rice cereal. Mix all together. When cool, shape into little balls. Roll in coconut. Makes about 100 cookies.

Note: These seem to last very well. My aunt keeps them in an air-tight container on her cold porch and they are nice whenever friends stop in.

Donna Lencoski
Latrobe

EASY HOLIDAY TARTS

1½ cups sugar
1 cup margarine
4 eggs
2 cups flour
1 teaspoon vanilla
1 can pie filling, your choice

Mix all ingredients except pie filling. Spread in greased jelly roll pan. Mark into 20 or 24 squares. Place 1 tablespoon filling in center of each square Bake at 350°F for 40 minutes. Can sprinkle with powdered sugar when cool

Donna Lencoski
Latrobe

CARAMEL POPCORN

2¼ cups brown sugar
¾ cup white corn syrup
Pinch of salt
2½ sticks of butter

Melt butter; add sugar, corn syrup and salt. Boil 5 minutes. Pour over 8 quarts popped popcorn and mix. Put on cookie sheets or cake pan, and bake 1¼ hours at 200°F. Stir every half hour.

Krista Zimmerman
Peach Bottom

CHEDDAR CHEESE LOG

1 3-ounce package cream cheese, softened
2 cups (8 ounces) shredded Cheddar cheese
¼ cup pitted chopped ripe olives
2 tablespoons chopped pimiento, drained
2 tablespoons chopped green pepper
1 teaspoon Worcestershire sauce
Chopped slivered almonds
Sliced apples

Beat cream cheese until fluffy. Beat in Cheddar cheese. Stir in olives, pimiento, green pepper and Worcestershire; blend well. Shape into roll on waxed paper. Coat well with almonds. Cover and chill several hours to allow flavors to blend. Allow to stand at room temperature about 30 minutes before serving with assorted crackers. Decorate with apple fans.

FESTIVE HOT CHOCOLATE

1 quart chocolate milk
1 teaspoon grated orange peel
¼ teaspoon almond extract
¼ teaspoon vanilla extract
Whipped cream
Grated orange peel

Add orange peel and flavorings to milk in heavy saucepan; heat to serving temperature. Pour into warmed mugs. Top with generous spoonfuls of whipped cream; sprinkle with orange peel.

JELLY COOKIES

1 cup butter
¾ cup sugar
1 egg
1 teaspoon vanilla extract
2¾ cups all-purpose flour
½ teaspoon salt
1 egg white, slightly beaten
2 tablespoons sugar
¼ cup finely chopped almonds
Red currant jelly

Cream butter in large mixing bowl. Add sugar and continue beating until blended. Beat in egg and vanilla. Combine flour and salt; add to creamed mixture; blend well. Chill dough. Preheat oven to 375°F. Roll out dough on lightly floured surface to 1/8 inch thickness. (Roll one-half of dough at a time for ease in handling.)

Cut about 36 rounds, stars or rectangles with cookie cutter (about 2½-inches in diameter). Re-roll as needed. Bake on buttered cookie sheets 8 to 10 minutes. (Do not brown.) Remove to wire rack to cool.

Cut another 36 cookies; cut out centers with a smaller cookie cutter to form rims in the shape of rounds, stars or rectangles. Re-roll centers to use up dough. Place rims on buttered cookie sheets. Brush with slightly beaten egg white; sprinkle with sugar, then almonds. Bake 6 to 8 minutes. Cool. Spread baked cookie bases with jelly. Top with cookie rims.

CHERRY BARS

First layer:
½ cup butter
3 tablespoons confectioners sugar
1 cup plus 2 tablespoons all-purpose flour
½ cup chopped maraschino cherries, drained
Second layer:
2 eggs
¾ cup firmly packed brown sugar
1 teaspoon vanilla extract
⅓ cup all-purpose flour
½ teaspoon baking powder
¼ teaspoon salt
½ cup finely chopped nuts
½ cup flaked or shredded coconut

Preheat oven to 350°F. For first layer, cream butter in large mixing bowl. Gradually add sugar and continue beating until blended. Gradually add 1 cup flour. Toss cherries in 2 tablespoons flour; add to dough. Spread evenly in buttered 8-inch square baking pan. Bake 20 minutes.

Meanwhile, for second layer, beat eggs until thick; gradually beat in the sugar until well blended; add vanilla. Combine flour, baking powder and salt; blend into egg mixture. Fold in nuts and coconut. Spread carefully over baked first layer. (No need to cool baked layer first.) Bake about 25 additional minutes. Cool in pan on wire rack. Cut into bars.

Quick Curry Fondue satisfies cold-weather appetites.

DAVY CROCKETT BARS

2 cups shortening
2 cups brown sugar
2 cups white sugar
6 eggs
4 cups rolled oats
4 cups flour
2 teaspoons salt
2 teaspoons soda
2 teaspoons baking powder
2 teaspoons vanilla
2 cups chopped nuts, optional
2 cups chocolate chips

Cream sugar, shortening, and eggs. Add dry ingredients and mix. Stir in vanilla, nuts and chocolate bits. Put in shallow layers on cake pans. Bake 10 to 15 minutes at 350°F.

Make a glaze from 10X sugar and milk. Put glaze on bars right after removing them from oven. Cut into bars. Makes 48 2½-inch bars.

Vera Mae Martin
New Holland

HOLIDAY SANDWICH WREATH RECIPES

Deviled Spread

1 4½-ounce can deviled ham
¼ cup finely chopped celery
½ teaspoon Worcestershire sauce
20 party sized slices pumpernickel bread
Softened butter

Chicken Apple Spread

1 4¾-ounce can chicken spread
¼ cup finely chopped apple
1 tablespoon sour cream
20 party sized slices rye bread
Softened butter or margarine

Creamy Pate Spread

¼ pound liverwurst
3 ounces cream cheese
2 tablespoons finely chopped scallions
20 party sized slices dijon rye bread
Softened butter

Combine first three inredients of each recipe. Spread bread lightly with softened butter. Spread half of bread slices with meat spread mixture; close sandwiches with remaining slices. Each recipe makes 10 sandwiches. To form wreath, arrange sandwiches, on edge, on a large round platter to form a circle. Decorate with a ribbon bow or garnish with holly or parsley and raw cranberries. Wreath contains 30 small sandwiches.

Recipe Topics

If you have recipes for the topics listed below, please share them with us We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit Send your recipes to Sue Keene, Lancaster Farming, P O Box 366, Lititz, PA 17543

December	
28	Cooking for a Crowd
January	
4	Recipes with Peanut Butter
11	Low-Calorie Meals

Featured recipes

This week's featured recipe comes from Nora Myer of Penryn Nora and her family have made it a holiday tradition together for cookie baking on a Saturday before Christmas

The day-long event involves 12 women family members who get together to make dozens and dozens of delicious Christmas cookies A meal of pig stomach is another part of the family tradition, allowing the men to participate in this otherwise female dominated activity.

To learn more about Nora and her family, turn to this week's Homestead Notes on page B2.

Pastel Creme Wafers

1 cup soft butter
1/3 cup thick cream (whipping cream)
2 cups sifted flour

Mix well butter, cream and flour; chill. Heat oven to 375°F. Roll dough 1/8 inch thick on floured cloth. Cut with 1½-inch cookie cutter Roll 1/3 of dough at a time and keep the rest refrigerated until ready to roll.

Transfer rounds to waxed paper heavily covered with granulated sugar Place on ungreased baking sheet. Prick with fork about four times Bake 7 to 9 minutes. Cool and put two cookies together with filling. Makes about 5 dozen double cookies.

Filling:

Blend ¼ cup soft butter, ¾ cup confectioner's sugar, 1 egg yolk, and 1 teaspoon vanilla. Add food coloring

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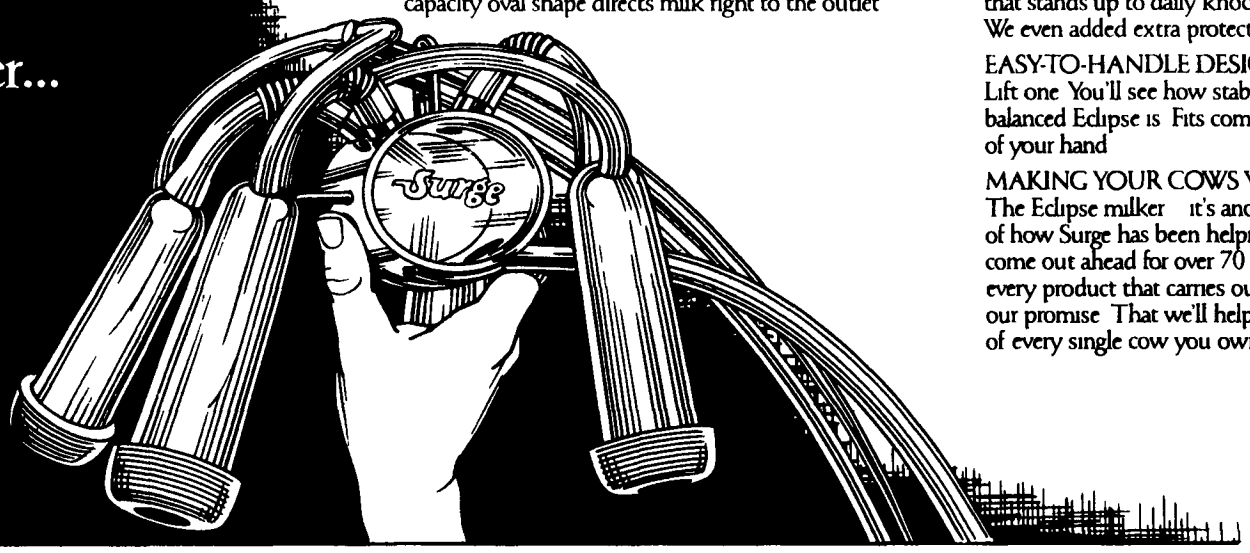

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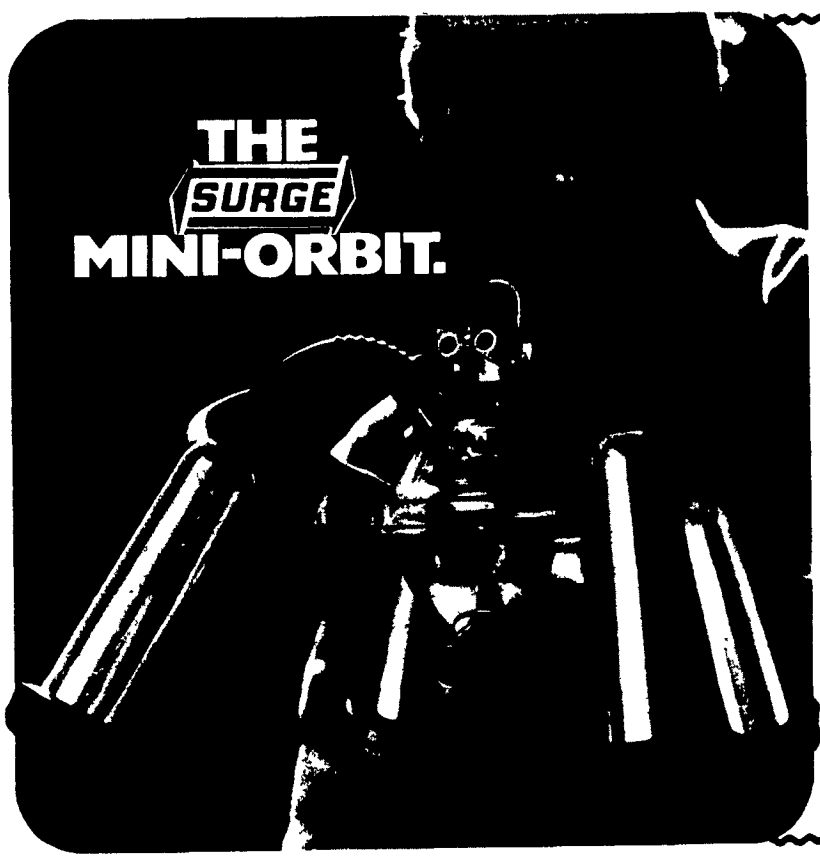

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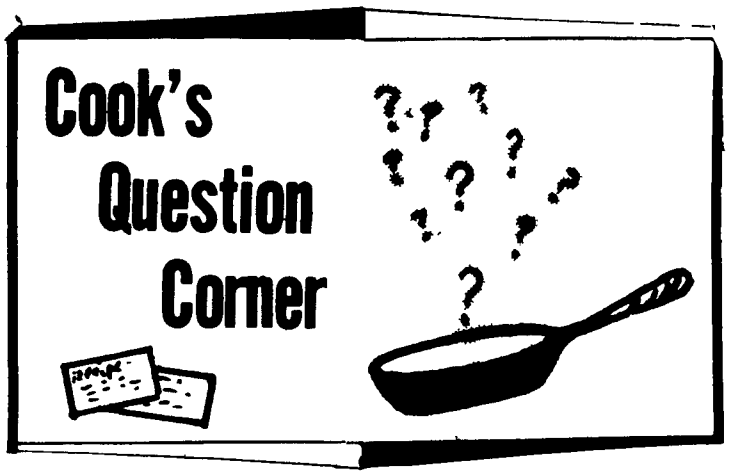


If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Verna Weaver, New Holland, would like a recipe for light and buttery croissants

QUESTION - Helen M. Nicholas, Riegelsville, would like a recipe for a soft honey cookie

ANSWER - Joanne Heeres, Stewartsville, N J , asked for recipes for cookies that use almond paste Thanks go to Kathleen Salotti, Blairstown, N J , for the following recipe

Pinnoiles

16 ounces almond paste
4 egg whites
Approximately ½ cup flour
1 cup sugar
1 teaspoon almond flavoring

Work all the ingredients together until smooth, adding only enough flour to make it easier to handle (You may not need all the flour) Roll into walnut sized balls Press down slightly to flatten Place Pinnali nuts on top Bake at 350°F for 15 to 20 minutes on a greased cookie sheet

ANSWER - V Snyder, of Lancaster requested a recipe for Santa's Whiskers A quick look into Lancaster Farming's cookie file unearthed a recipe from Dianne Cof fington, Halifax

Santa's Whiskers

1 cup margarine
2 tablespoons milk
2½ cups flour
½ cup chopped pecans
¾ cup coconut
1 cup sugar
1 teaspoon vanilla
¾ cup finely chopped red and green candied ied cherries

Make 2 rolls, 2 inches in diameter and 8 inches long Refrigerate and slice ¼ inch thick. Bake at 375°F for 12 minutes Makes 5 dozen

Black walnuts: a tough case to crack

COLLEGE PARK, MD — Once you attempt to process black walnuts for home use, you'll appreciate why they usually cost more than other edible nuts found in your local supermarket.

But you can do the job successfully with proper knowhow, according to the University of Maryland's Cooperative Extension Service. Here is a suggested routine:

1. Gather black walnuts in late October-early November. Their green covering and round shape will remind you of apples. Walnuts usually don't fall to the ground until they are mature. At this stage, they are not palatable and are too full of moisture for processing, however.

2. Peel off the green covering to prevent mold and allow the nuts to dry more thoroughly. A heavy-duty New England-style oyster knife works well for this purpose. Don't use a thin-bladed Maryland-type oyster knife. Be sure to wear leather or rubber gloves, or your hands will be stained for a long time afterward from the green walnut coverings.

3. Place the peeled black walnuts in a mesh bag and hang up to dry for two weeks to a month. Be sure the nuts are in a location not accessible to squirrels. With their keen sense of smell, squirrels can find nuts not visible to the eye. The drying process brings out the flavor in black walnuts.

4. Black walnuts should be ready for cracking by mid-December. If you crack them with a hammer, wear goggles to protect your eyes from flying shell fragments. Ground walnut shells are hard enough to be used for sand-blasting jet engines or for cleaning foundry molds.

Don't be misled by store-bought nutcrackers. Most of them won't work for black walnuts. Some old-time mail order suppliers of nut trees offer special black walnut crackers for about $50.

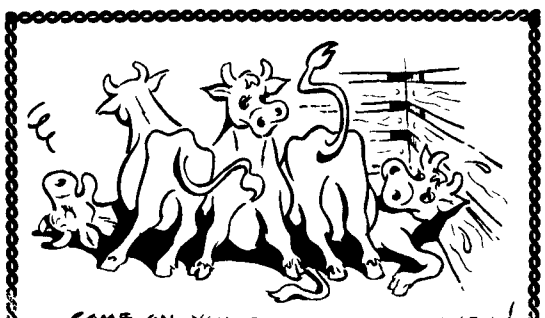
But an ordinary machine-shop vise will do a good job. And you can buy a vise for as little as $10, if you don't already have one.

If you're lucky enough to find black walnuts still on the ground in December, the outer covering probably will be dried out and fairly easy to remove. So you may still be able to get the nuts processed in time for holiday baking.

Some old-timers report speedy methods devised for getting the husks off black walnuts with an automobile.

The least complicated system involves spreading out the nuts on your driveway and running over them several times with your car. The weight of your automobile will crack off the husks. But the black walnuts themselves are so hard that they will not break.

Old-timers also report that horseshoe nails make good picks for removing the nut meats from black walnut shells.



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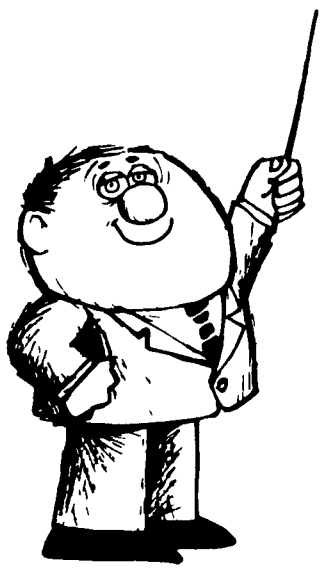

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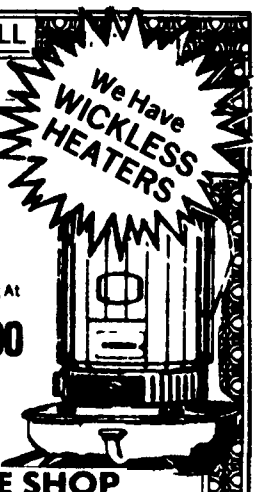

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Select foods with nutrition in mind

SOUTHAMPTON — Decisions! Decisions! Every day we make decisions about what to wear, what to buy, where to go, who to see and how much to spend. Sometimes these choices are made on the spur of the moment–and sometimes they are the result of long deliberation.

How often, however, do we supply this same personal deliberation to the foods we select?

What we eat affects our appearance, our health, our energy and our disposition, says Dairy Council Inc. of Southampton, not only today and tomorrow, but in the years to come. Without the right kinds of foods and the right amounts of these foods, our bodies lack the essential nutrients they need to function.

The foundation of a good diet are the four food groups–milk and dairy products, meats, fruits and vegetables, and grains. You can build on this plan using other foods according to needs–for growth, for activity, for desired weight. It's important to remember that foods from all these groups are needed to provide winning combinations of nutrients.

The recommended daily servings of these foods go a long way toward establishing a balance of vitamin, mineral, and calorie intake.

Choose four servings of milk "as is" or treat yourself to an ice cream cone, cheese cubes, custard, creamed soup, cheeseburger, or vegetables with cheese sauce. From milk you get calcium, protein, riboflavin, vitamin A (from whole milk or fortified lowfat milk), and vitamin D from vitamin D milk.

Choose two servings daily (2 ounces each) from the meat group, which also includes eggs, nuts, peanut butter, and dishes made with dried beans or peas. From meat you get protein, some B complex vitamins, and iron.

Choose four or more servings daily from fruits and vegetables, including oranges, tomatoes, grapefruit, raw cabbage, cantaloupe, and strawberries. At least every other day have one dark green vegetable such as broccoli, and an orange vegetable, such as carrots or squash. From vegetables and fruits, you get all the vitamin C you need every day, vitamin A, and other vitamins and minerals.

Choose four servings daily from the grain group–whole grain or enriched bread, biscuits, cereal, spaghetti. You'll get valuable amounts of B complex vitamins, iron, and carbohydrate.

Are you worried about calories? They're neither good nor bad–it's how you count them that tips the scale. We all need food energy and that's what calories represent. A calorie is not a nutrient; it is a way of measuring energy.

All foods are sources of calories and it depends on us how many calories we consume. If you eat food that gives more calories than you can use, you gain weight. When you eat food that supplies fewer calories than your body needs, you use body fat for energy and you lose weight.

"Left-out" meals mean left-out nutrients. It's seldom possible to pack three meals' worth of food value into two meals. You can lose pep and alertness from skipping meals–but don't count on losing weight.

Food choices that you make can influence your health, energy, and appearance, says Dairy Council, so don't cheat yourself. Make those choices with the same deliberation you apply to your other decision-making.

4-H'ers win public speaking awards

NEWARK, Del.— Six Delaware 4-H'ers addressed the annual meeting of New Castle County's Harmony Grange early in December. The event was the culmination of the State's 4-H public speaking contest. Senior and junior division winners from each county presented their speeches.

Bambi Biggs, Felton, took first place in the senior division. The 17-year-old spoke on "Missing Children."

Second Place, senior division, went to 15-year-old Elizabeth Jackson, Seaford, for her speech entitled "Teenage Suicide."

Sixteen-year-old Jennifer Anderson, Wilmington, placed third in the senior division with "The New Jen."

The first place junior division winner was 13-year-old Chad Nelson, Newark, with his speech, "More Than Just An Orange Blob."

"The Call Of The Wild" won 13-year-old Sherry Sharpe, Wyoming, second place, junior division.

Twelve-year-old Ginger Hastings, Bridgeville, won third place in the junior division with "What I Want To Be When I Grow Up."

The 4-H public speaking contest is intended to develop poise and self-confidence.

Judges for the contest were Robin Vagenas, Department of Communications, University of Delaware, and G. Thomas Sandbach, a Wilmington attorney.

Season's Greetings

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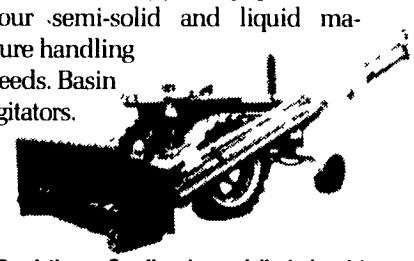

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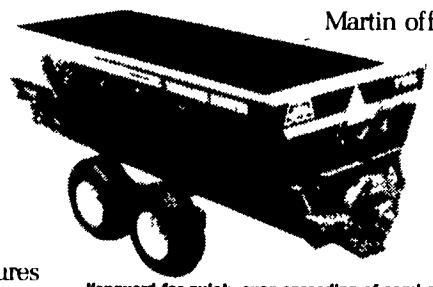

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People of many nations flock to Vatican for Christmas

BY MERCER CROSS
National Geographic News Service

VATICAN CITY — By the thousands they stream into St. Peter's Square, from all parts of the world, eagerly queuing up before the home sanctuary of Roman Catholicism to join in a colorful observance of Christ's birth.

The throngs begin to assemble hours before the Mass, celebrated by Pope John Paul II, begins at midnight on Christmas Eve.

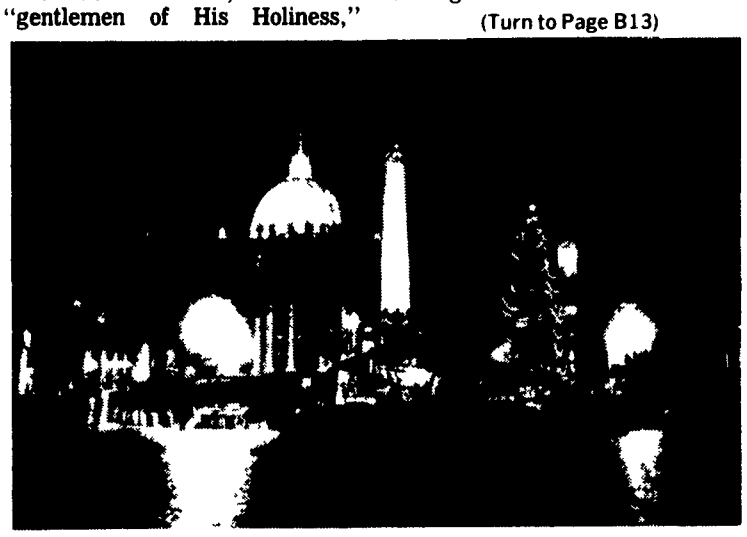
Tuxedoed ushers, volunteer "gentlemen of His Holiness," escort up to 25,000 ticket-holding visitors to their seats in portable chairs arranged around the high altar of the basilica.

The gold in the mosaics of the ceilings and the great dome glows in rich splendor under lights turned on only for special occasions. Multicolored flowers add a festive touch to the cavernous baroque structure.

Carols in Latin

As the Pope mounts the altar, the excited crowd rises and applauds, then grows silent as the service

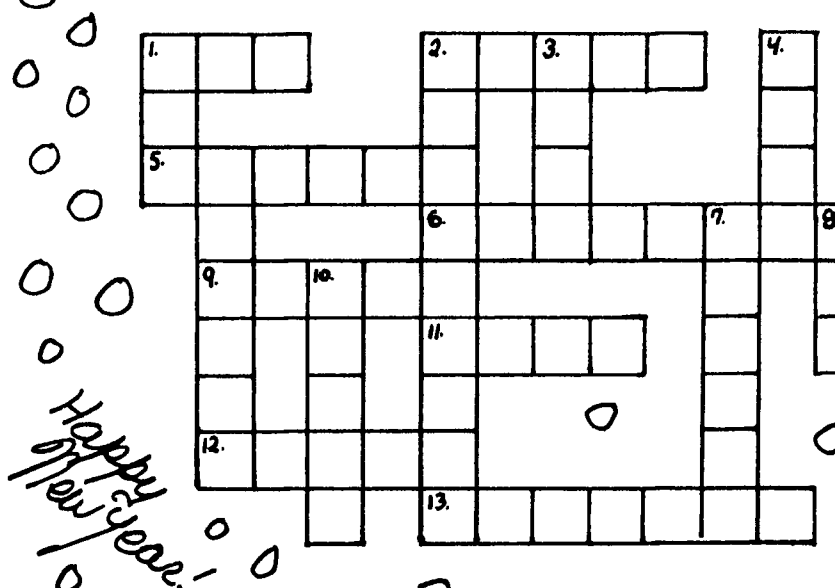
(Turn to Page B13)



Christmas in St. Peter's Square: An illuminated creche, flanked by a gaily decorated evergreen from West Germany, greets yuletide visitors to the Vatican. In the background is the Michelangelo-designed dome of the great basilica, where thousands of worshippers from around the world attend masses on Christmas Eve and Christmas Day. The decorations in the square are innovations of John Paul II, who has been Pope since 1978.

CHRISTMAS CROSSWORD

BY DAVE CARPENTER



ACROSS

1. MISSTLE...
2. CHRISTMAS SONG
5. CHRIST'S BED
6. HE SAID 'THERE IS NO ROOM.'
9. GIVEN AT CHRISTMAS.
11. CHRISTMAS ____.
12. ST. NICK
13. VISITED BY FOUR GHOSTS.

DOWN

1. 'TINY ____'
2. BIRTH OF CHRIST
3. ____ DEER
4. ENCLOSE CHRISTMAS GIFTS
7. CHRISTMAS DRINK
8. SANTA'S HELPER
10. WHAT THE REINDEER THOUGHT OF RUDOLF'S RED NOSE.

Turn to page B13 for answers.

COLOR THIS!

1.	BLACK	6.	PEACH
2.	RED	7.	GREEN
3.	YELLOW	8.	LT BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

CHRISTMAS BEGAN IN AMERICA WITH THE ARRIVAL OF JOHN SMITH AND HIS COLONISTS ON THE SHORES OF THE NEW WORLD. IT WAS A FESTIVE OCCASION IN THE COLONY OF VIRGINIA, EVEN WITHOUT CARDS, GIFTS, TINSEL AND CHRISTMAS TREES. ALL OF THESE THINGS CAME AT A LATER PERIOD.

Farm accidents can be prevented

NEWARK, Del. – The latest Delaware farm accident survey shows that power and hand tools are the leading cause of farm accidents in the first state. One-third of these accidents occur during the performance of routine maintenance.

"Many hazards exist for the farmer when repairing and maintaining equipment, but these can be controlled and accidents avoided," says Ron Jester, University of Delaware extension safety specialist.

"Farmers who try to make repairs without the proper skills, tools or work environment can more than double their down time and pay dearly in medical costs, property damage, suffering and grief," says Jester.

The specialist's first rule is to use the correct tool for the job. "It may be tempting to use a crescent wrench in place of a hammer, but the wrench can glance off an item at an unexpected angle and cause an injury," he says.

Poorly maintained tools are another cause of accidents, according to the specialist. "A chisel with a mushroom head is potentially dangerous. Striking its head could cause a piece of metal to fly off and hit someone in the face or body; or a worker could cut a hand on the jagged edge.

Heavy or sharp items can smash or cut hands and feet when dropped, hence Jester's second rule--wear personal protective equipment including gloves, goggles and safety shoes to prevent injury to hands, eyes and feet. Don't wear loose clothing that could catch in equipment.

"Grinding wheels should have a guard," says Jester. "Otherwise, fragments of a shattered wheel can be thrown and may strike the face or body. Also stabilize machinery before making repairs. This reduces the chance that a machine will move or fall on you and cause a serious or fatal injury."

Jester cautions against repairing items from a ladder. This can be dangerous if the ladder is in poor condition or improperly positioned. Working from hydraulically supported machinery can also be hazardous if there are no side rails and footing is uneven.

"Lifting incorrectly and lifting items that are too heavy for one person are common causes of back injury," says Jester. "This can result in lost work time and sometimes even permanent injury.

"Repairing equipment while machinery is running is asking for trouble. Don't do it," he warns.

A substandard or obsolete wiring system in the farm shop can cause a serious or fatal shock. The old-fashioned two-wire outlets used with electric power tools are a constant hazard because they do not provide a ground. A short may develop, exposing the worker to an electric shock from the power tool or from dampness in the work area. "For your protection, have an electrician update the wiring system," advises Jester. "Use ground fault circuit interrupters (GFCI) especially when working in damp or wet areas.

"The shop is a work area and should be off limits to children," he adds.

Jester suggests that those interested in improving working conditions in a farm shop should obtain a copy of "Farm Shop Plans" (publication MWPS-26 of the Midwest Plan Service) The 30-page booklet contains information on shop layouts and safety. Copies are available for $5 from: Extension Agricultural Engineering Plans Service, 05B Townsend Ha University of Delaware, Newark, DE 19717- Make checks payab the University Delaware.

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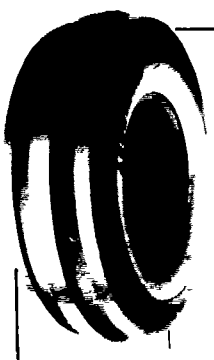

400 12	$22 00
400 15	$24 00
500 15	$31 00
550 16 4 ply	$33 00
550 16 6 ply	$36 00
600 16 4 ply	$37 00
600 16 6 ply	$41 00
650 16 6 ply	$42 00
75L 15 6 ply	$50 00
750 16 8 ply	$54 00
750 16 6 ply	$50 00
750 18 6 ply	$64 00
9 5L 15 6 ply	$55 00
9 5L 15 8 ply	$60 00
1000 16 6 ply	$80 00
11Lx15 8 ply	$75 00
1100 16 8 ply	$110 00
14L 16 1 8 ply	$160 00

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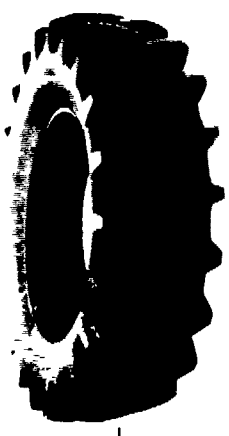

11 2x24	4 ply	100 00
14 9x24	4 ply	150 00
14 9x24	6 ply	165 00
14 9x24	8 ply	190 00
16 9x24	6 ply	190 00
16 9x24	8 ply	210 00
14 9x26	6 ply	172 00
18 4x26	6 ply	235 00
23 1x26	8 ply	525 00
11 2x28	4 ply	115 00
12 4x28	4 ply	130 00
13 6x28	4 ply	145 00
13 6x28	6 ply	160 00
14 9x28	4 ply	160 00
14 9x28	6 ply	175 00
16 9x28	6 ply	220 00
16 9x28	8 ply	240 00
16 9x30	6 ply	230 00
18 4x30	6 ply	270 00
23 1x30	8 ply	650 00
24 5x32	10 ply	750 00
16 9x34	6 ply	255 00
18 4x34	6 ply	299 00
18 4x34	8 ply	325 00
20 8x34	6 ply	459 00
20 8x34	8 ply	510 00
23 1x34	8 ply	689 00
11 2x38	4 ply	140 00
12 4x38	4 ply	168 00
13 6x38	4 ply	179 00
13 6x38	6 ply	198 00
14 9x38	6 ply	224 00
15 5x38	6 ply	225 00
16 9x38	6 ply	279 00
18 4x38	6 ply	325 00
18 4x38	8 ply	365 00
20 8x38	8 ply	510 00

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14 9x24 8 ply	$220 00
16 9x24 6 ply	$220 00
16 9x24 8 ply	$235 00
16 9x24 10 ply	$280 00
17 5Lx24 8 ply	$240 00
16 9x28 8 ply	$260 00
18 4x28 10 ply	$340 00
20 5x25 12 ply	Call For Quote
23 5x25 16 ply	
1300x24 10 ply	$225 00
1300x24 12 ply	$245 00
1400x24 10 ply	$255 00
1400x24 12 ply	$280 00

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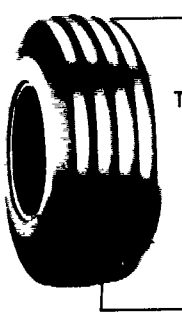

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145 75 16 1 10 ply	$225 00

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18x950-8	$30.65

8 3x24	$95 00
9 5x24	112 00
14 9x24 6 ply	195 00
16 9x24 6 ply	210 00
18 4x16 1 6 ply	245 00
18 4x26 6 ply	340 00
11 2x28 4 ply	152 00
13 6x28 6 ply	225 00

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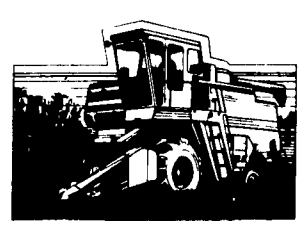
9 5Lx14 8 ply	49 50
11Lx14 6 ply	49 00
9 5Lx15 6 ply	42 00
9 5Lx15 8 ply	44 00
11Lx15 6 ply	43 00
11Lx15 8 ply	47 00
11Lx15 8 ply tubeless	50 00
11Lx16 8 ply	58 00
11Lx16 10 ply tubeless	74 00
12 5Lx15 10 ply	75 00
12 5Lx16 14 ply	85 00
14Lx16 1 12 ply	140 00
16 5Lx16 1 10 ply tubeless	160 00

Small Rear Farm

750x20	4 ply	59 95
750x24	4 ply	64 95
8 3x24	4 ply	79 00
9 5x24	4 ply	84 00
11 2x34	4 ply	135 00
11 2x36	4 ply	137 00
12 4x36	4 ply	165 00
13 6x36	4 ply	189 00



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A gift from PAT will please nursing home patients this Christmas

BY JOYCE BUPP
Staff Correspondent

AIRVILLE – This is a story about love. And it's a story about giving, and about caring.

But it's not necessarily a Christmas story. Because what southern York County farm wife Pat Sueck is doing is for all times, and for all seasons.

Pat recently retired after a 30-year career as a nurse. The last nine of those years were spent working in geriatric care with patients at extended care nursing facilities.

Her deeply ingrained concern about how society treats elderly–and sometimes not so elderly–patients has sent Pat Sueck into a new career. She calls her fledgling business PAT. The acronymn is representative of both her own name and is a capsule description of her merchandise: Patient Accessory Therapy.

She recently went public in marketing the idea, opening a stand Friday and Saturday mornings at Farmers' Market in York.

The patient accessories designed and created by this outgoing, optimistic entrepreneur start with a sort of upbeat, street version of the classic hospital gown. Pat's innovation is sewing these garments from soft, comfortable fabrics, in the brightest, most cheerful colors and patterns she can lay her hands on.

"I bought about ten different commercial patterns, but none of them was quite what I wanted," says this improviser of fashion with a purpose. "So, I used a regular hospital gown as a sample, and designed my own pattern. I cut it out of old butcher paper."

Her many years of work with geriatric patients, plus extended periods of home care given to both her father and her mother-in-law, made Pat vividly aware of the importance of "little things" to nursing facility patients. Trying to purchase garments for an aunt in a nursing home, and finally resorting to sewing items instead, reinforced Pat's belief that a little personal touch would go a long way.

"Being in a hospital gown all the time is depressing. It's so much more of an 'up' to be dressed in something bright and cheery," says this lady, an "up" herself in her attitude and determination to brighten the lives of others. The "smiley face" stickers she hands out from her market stand sum up Pat Sueck's outlook on life in general.

She has designed related accessories to complement the basic gown, which comes in three sizes, for ladies, as well as for men.

Many of the patients who inspired Pat's creativity were victims of strokes or similar debilitating problems relating to nerve and muscle control. Such illnesses frequently leave paralysis, resulting in the need for a patient to be restrained for safety, or affect facial muscle control, which creates drooling.

So, Pat sews matching bibs, lap robs, and what she calls a "reminder belt," a padded and far prettier version of the institutional restraining belt used to secure patients for their personal safety. The items have handy pockets for patient convenience, and even a name tag to further personalize the garments.

"No one wants to be restrained," acknowledges Pat. "It's degrading and a tragedy because of the traumatic change it makes in a person's lifestyle. More stylish dressing accessories is just a common sense kind of thing that makes patients feel better."

The first sample gown made was for a large-built patient at the Colonial Manor where Pat had worked as a supervisor. The emotional impact it made moved the patient to tears. Two very tiny ladies were the next recipients, and the momentum of the idea just grew from that point.

"I feel like I have a dog by the tail," she quips, not yet decided which direction she wants to take in further marketing of idea.

Pat's concern doesn't stop with the sewing of garments. At the market stand she displays an assortment of everyday items that make excellent–and practical–gifts for extended care guests.

A large diaper pail, with deodorizer, provides an ideal place for patients to put clothing to be laundered. Various suggested toilet items include small size containers of shampoo, toothpaste, deodorant, hand and facial creams, and after shave and perfumes, perferably in the patient's own favored brands.

"Those familiar scents make a patient feel more at home," Pat explains. "Something else that adds a feeling of home and familiarity is a favorite blanket or quilt, "to brighten the room."

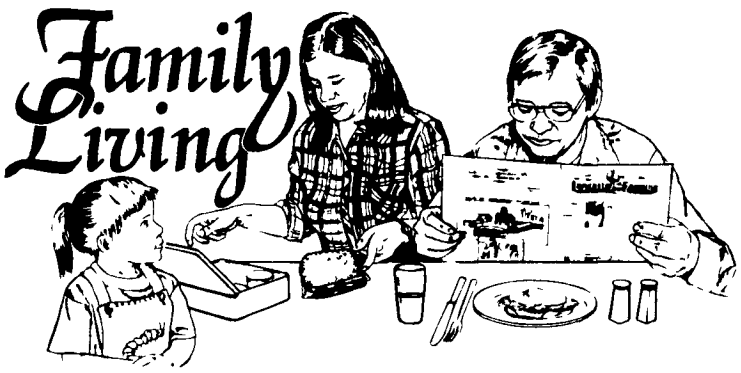
Other helpful items are Wet Wipes, air freshners, soft toilet paper, a plastic hand mirror, room deodorizers, colorful placemat for the overbed table, even a small flashlight for use during the night if needed to find some item. Instead of sending greeting cards, Pat suggests small booklets, which a patient will more likely save and reread.

One practice Pat would like to see changed: the custom of taking or sending flowers to patients at holidays. Too many at one time is usually the problem, patients can't water them, and most rooms don't have enough space for many plants. One a month, rather than several all at once, is much more practical. Maybe churches, instead of sending flowers to shut-ins at Christmas, could instead send those home to parishioners, as a reminder to send a plant later during the year ahead - sort of like a "chain flower," she sees as a possible alternative.

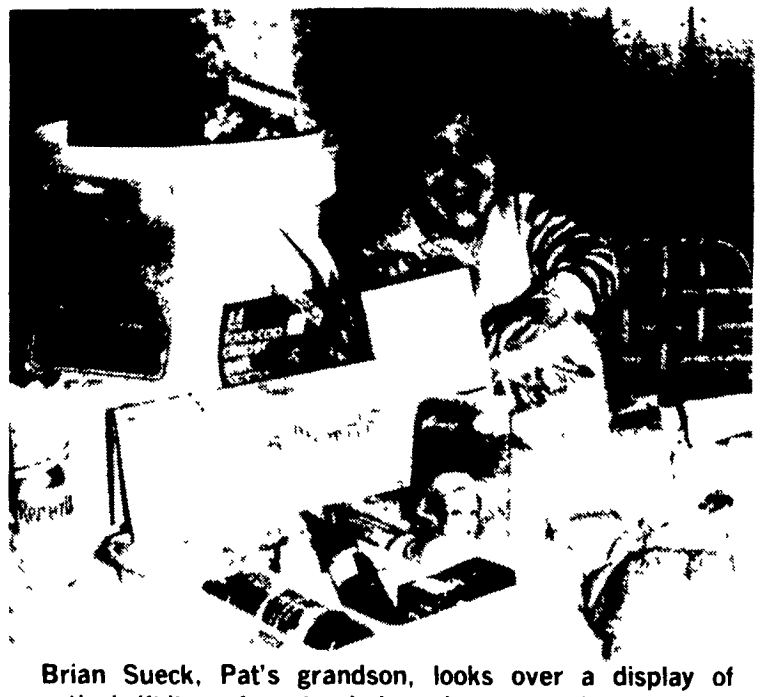
Raised in Laurel, Maryland, and Washington D.C., in schools run by Catholic sisters, Pat spent many years working emergency care, and later having the night supervisor position at St. Joseph's Hospital in Baltimore. Those experiences gave her plenty of exposure to working with the families of critically ill and dying patients, and the empathy that spurs her on today.

She and her husband, Elmer, their five children, and her two younger brothers they raised, lived in the suburbs. Kingsville,

(Turn to Page B14)



From her stand at Farmers' Market in York, Pat Sueck is marketing a cheerful version of the classic hospital gown, with matching accessories. She also has standard tent dresses, which can be casually and comfortably worn by anyone. The cheerful colors offer their own psychological lift to hospital or nursing care patients.



Brian Sueck, Pat's grandson, looks over a display of practical gift items for extended nursing care patients.

BACK HOME

By Michelle S. Rodgers

Berks Extension

Home Economist

A Collie for Christmas

Her soft, reddish hair brushed against my cheek and a whimper seemed to say, "Take me home with you!". Her sad little eyes and shivering body caused me to hold her closer and gently inform her that she was in good hands. In those short moments together, I was ready to cancel my entire Christmas wish list for this one little item...a collie puppy.

Fortunately, reality overcame my emotions and I realized that a puppy would not be the best Christmas gift this year. Who would feed her when I was late getting home, and where would she stay, how would I keep her safe from the street traffic in front of our home. Yet, she certainly was a delightful bundle of fur!

Probably a good number of children have pets on their wish list for this holiday season. Probably an equal number of parents are struggling with some of the questions I faced in deciding whether or not to make that wish come true.

The decision of whether or not to add a pet to your family will depend quite a bit on how your own parents reacted to animals. I was raised on a farm and surrounded by dogs and cats, so I feel quite comfortable with having pets around. If on the other hand, you had no experience with pets as a child, and you cringe at the thought of puddles on the floor, it may be best to just visit the zoo, or a farm a little more often and let it go at that

One reason children love pets so much is that a dog or cat offers its friendship without any strings attached. A pet isn't going to tell the child not to do things, like parents or an older brother or sister do. Instead of being bossed, the child bosses the pet (to a point). That feeling of being in charge is a learning experience, especially when the pet doesn't behave as the child instructed.

I remember the day we tried to give one of our cats a bath. There was no compromising here; the cat would have nothing to do with our authoritarian rule. Mutiny was the result!

Pets can also teach other values like responsibility. The feeding and caring of the animal can lead to important lessons in those areas.

The bottom line, is that the decision to add a pet to the family must be a FAMILY decision. A surprise kitten or puppy on Christmas morning may turn out to be a disaster unless everyone is prepared for the added responsibility. There is nothing worse than being forced to take care of a pet that you never wanted to begin with.

In addition, young children are often unprepared for what a real animal is like. Screams of terror are possible from the child who was not warned about the new puppy's sharp little teeth and high pitched yip that comes when he is "just playing!"

Before surprising a child with a pet this Christmas, make sure that you have discussed this idea and have agreed on the responsibilities involved. Try to make certain that request for an animal is not a passing interest, but a desire for a long standing relationship with a pet.

Including your child in the initial purchases of food dishes, picking a name, and reading up on the animals care can be an important first step in determining responsibility for a new pet

The relationship that can develop between a child and a pet goes beyond mere mutual admiration. Owning a pet can teach him the meaning of loyalty and devotion, but it is not all roses. Before you ask, "How much is that puppy in the window?" be sure that the entire family is ready for a lesson in responsibility. And as for my dream of a Christmas collie, I'm not giving up. But I guess she'll have to wait for Christmas future when I can provide better shelter and care!

Vatican at Christmas

(Continued from Page B10)

begins. The Vatican choir sings, in Latin, the music of the church. A "people's choir" sings carols from another part of the basilica, creating a stereophonic effect.

The international crowd joins the pontiff both in prayers and songs, following text and music in illustrated booklets distributed at the start of the service. The basilica rings wiht words and music recited or sung in Italian, English, Latin, German, Polish, French, Portuguese, Spanish, Chinese, Indian, and Hausa.

At the conclusion of the Mass, the Pope takes a carved wooden statue of the Christ child from before the altar, carries it to a creche in a side chapel, and places it in a crib.

Under John Paul II, "there's a much greater spirit of hospitality" at the midnight Mass than in the past, says Monsignor Thomas Banick, pastor of St. Mary's Church in Wilkes-Barre, Pa., and former vice rector of the Vatican's North American College. "He has what I would call a populist sensitivity to ordinary persons."

John Paul II, who is credited by Vatican officials with the increased use of flowers at the Mass, has also left his imprint on other facets of the church's celebration of Christmas.

Starting Christmas Eve, the center of the massive square, near its Egyptian obelisk, is radiant with the lights from a tall evergreen that has been trucked in with fanfare from West Germany. Near the tree is a large creche, also from Germany, occupied by figures of the Holy Family, 1½ times life-size.

Children Bring Statues

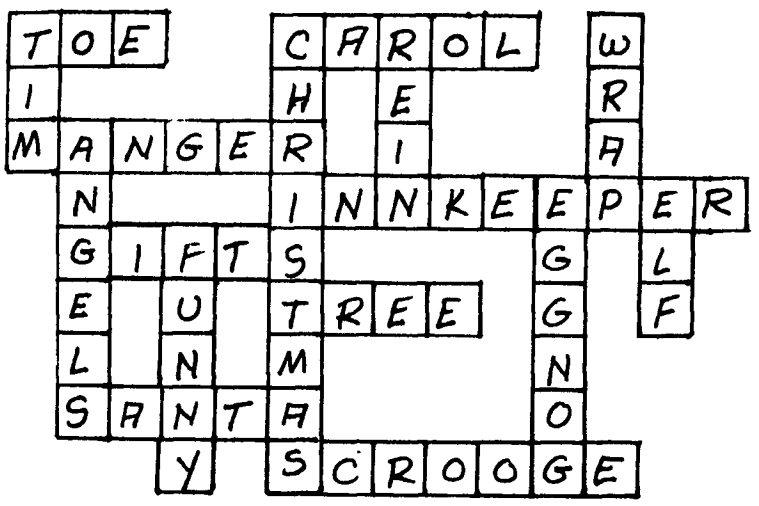
Like his predecessors, the Pope celebrates another Mass in the basilica on Christmas morning. Then he appears on a balcony overlooking the square and delivers a brief Christmas message to the world, bestowing blessings in more than 50 languages. That occasion can attract as many as 100,000 people to the square.

The Vatican's observances begin before Christmas and extend beyond it. A few weeks before Christmas, Pope John Paul II, in celebration of the Feast of St. Nicholas, blesses the statues of the Christ child that are brought to St. Peter's Square by thousands of Roman children.

At the Feast of the Epiphany on Jan. 6, traditionally a day of gift-giving among European Catholics, the pontiff again blesses children and their families in the square.

On Christmas Eve 1984, John Paul II, who is Polish, held an emotional audience for a group of Polish families and their brightly costumed children. A Vatican spokesman says it is not known if the Pope will have a similar audience this year.

Answers



Equine Symposium set for April

YORK — The Pennsylvania State University Agricultural Extension Service along with the Horsemen's Symposium Volunteer Committee announces the Fifth Annual Equine Symposium to be held on Saturday, April 5, 1986 at the David Lawrence Convention Center in Pittsburgh.

Eight Lectures will be offered. Speakers will be: Hilda Gurney - dressage, Dr. Robert Kline - Breeding and Selection with a Goal in Mind, Randy Luikart - Shoeing your Horse, Dr. Leslie - Conditioning the Horse, Dr. Evans - Leg Problems, Dr. William Tyznik - Feeds and Nutrition for the Horse, Troy Green - Versatility Classes and The Western Horse, Dr. J. E. Palmer - Potomac Horse Fever.

Included at the symposium are breed and association exhibits, a horse related Amateur Art Contest and the Stallion Index–advertising local breeding stallions.

This year's show will feature a Horse Industry Trade Show, area tack shops, feed companies, schools, stables and other horse related exhibits. A luncheon and door prizes will round out the program.

The cost for the day is $20 with lunch, or $15 with your own lunch. Each person may select four of the eight workshops. For more information contact: Ann Swinker, Allegheny Co. Extension Service, 1520 Penn Ave., Penn Liberty Plaza Bldg., Pittsburgh, Pa 15222 Phone: 412-392-8540.

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A gift from PAT

(Continued from Page B12)

Maryland, in the late 1960's. Preferring a more rural environment for the children, they began looking for a home in the country.

While driving around the hills of southern York County's farmland one day, in search of a farm,–and hopelessly lost–she was "found" by a local real estate agent who stopped to offer help. They became friends and through that chance happening the Suecks found the farm that suited their needs. Because the old farmhouse needed complete renovation, it was 1971 before they actually moved in. "I love the farm, and draw strenth from its serenity," she adds. "And my husband has been so supportive of what I do."

Although Pat and her mason husband worked different shifts for many years, she now enjoys getting up at 5 a.m. to fix him breakfast. Then, she heads for her sewing room, where compassionate ideas take shape with fabric and thread.

The sewing room is her thinking and creativity place, according to Pat. And the one thing that she gives a great deal of thought to is society's approach to the care of elderly nursing home patients.

Guilt that burdens many families with loved ones in such home facilities, and the uncomfortableness many individuals feel at visiting nursing homes are problems that worry Pat. She would like society to accept that lifestyles do change as situations change, that nursing care establishments become a temporary, and sometimes permanent, home for critically ill loved ones, and that visiting them is simply visiting the person in their home.

In fact, she believes in this concept so strongly that she is willing to take the message "on the road" and speak to interested groups about the little personal things that can be done to make life more enjoyable for these patients.

Pat Sueck is available to any such groups interested in hearing more about compassionate, common sense approaches to making nursing home patients more comfortable, and may be contacted at her Airville R1 address.

Pat Sueck and grandson Brian display her creatively designed gown in a cheerful print, with its accessories of bib, lap robe and "reminder" belt.

Wipe out spots quickly

COLLEGE PARK, MD — Red wine on white carpet. Greasy gravy on your favorite linen. Candle wax on almost anything.

Once the guests depart, too many hosts and hostesses must contend with permanent memories of their holiday parties.

Fortunately, however, most stains can be removed if they are treated before they set, says Judy Williamson, a specialist on home furnishings with the University of Maryland Cooperative Extension Service.

In addition to acting quickly, Williamson recommends you pretest spot remover and avoid overwetting and rubbing. To prevent spots and stains from spreading, she also suggests you treat stains from the outside edge to the center.

For protection against the most frequent holiday spills and stains, follow these simple rules:

- Wine and other alcoholic beverages: blot liquid with a clean white cloth. Wipe with a solution of 1 teaspoon detergent, 1 teaspoon white vinegar and 1 quart warm water. Launder washable items, or rub nonwashable items with a damp cloth. Quickly blot dry.
- Fruit stains, fruit juices, soft drinks, and coffee: follow the same procedure for removing alcoholic beverages.
- Candle wax: scrape away excess with a dull knife. Cover area with several layers of absorbent towels or tissue. Place a warm iron on towels; change towels as wax is absorbed. (Apply heat cautiously if candle wax is colored. Heat may permanently set some dyes.) Launder or wipe with a drycleaning solvent to remove oily residue.
- Chocolate: blot liquids or scrape up solids. Apply drycleaning solvent. Blot solvent with a clean, absorbent cloth. Wipe with detergent-vinegar solution. (See wine removal.) Launder or rinse area with cool water. Quickly blot dry.
- Sap from a Christmas tree: wipe area with nail polish remover or a drycleaning solvent. Be sure to test before proceeding.
- Gum: harden with ice, then scrape with a dull knife. Wipe with a drycleaning solvent to remove remaining residue.

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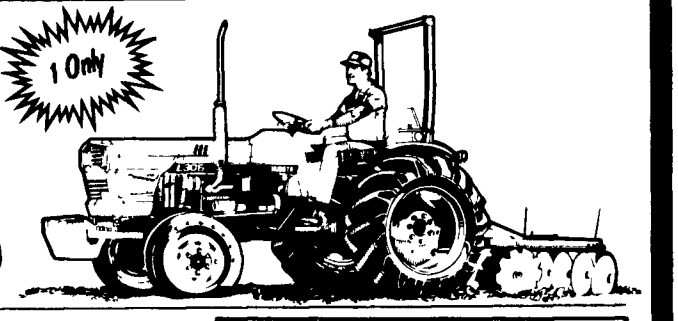

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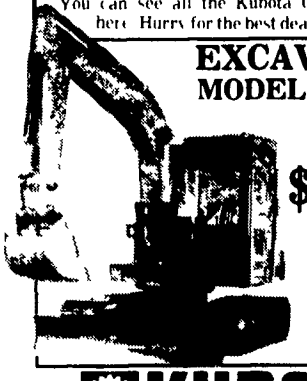

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4-H riding program benefits handicapped youngsters

BY CLAIRE MC CABE

NEWARK, Del. — Picture a fall day. The sun is shining. The trees are orange, gold and crimson and the air is heavy with the scent of fallen leaves. It's perfect weather for horseback riding — even for handicapped youngsters, thanks to Carolyn Jackson, project leader for Delaware horseback riding for the handicapped at Wellspring Farm, the public stable in Wilmington's Bellevue State Park.

The pilot program, started in the spring of 1985 under a rental arrangement with the stable, was in the planning stage for four years. "We finally got the program off of paper and got some riders on the horses," says Jackson, who teaches non-handicapped riders in addition to her volunteer 4-H work. Her voice is calm and confident, soothing to both animals and children.

Jackson's 4-H'ers range in age from four to 23 years. Three have cerebral palsey, two have Down's syndrom, one is hyperkinetic and one has suffered head trauma. Progress over nine months of riding has been remarkable in some cases, beneficial in all. Although riding is recreational, the therapy enjoyed by riders is the focus of the program.

Carolyn Jackson leads Joey Coombs during his therapeutic riding lesson. She is aided by Joey's grandmother, Carolyn Watts, on his right, and occupational therapist Marjorie Frankel, on his left. Jackson is volunteer leader of the 4-H horseback riding project for the handicapped at Wellspring Farm in Wilmington's Bellevue State Park.

For example, Joey Coombs, 7, has cerebral palsey. "When he came to the program, he flopped around like a rag doll on the horse," says Jackson. "He had very little muscle control. Now he's riding well. We're still working on getting him to hold his head up straight."

Joey spends most of his time in a wheelchair. But since beginning the 4-H riding program, he has taken his first steps — a year ahead of schedule. The dramatic improvement is attributed in part to the heat and massaging action he receives from the horse's muscles while riding.

Jackson has taught riding since the early '70s. She first became interested in therapeutic riding when a young woman with arthritic hips and very tight thigh muscles came to her for lessons. "When she first rode, her legs were so far up on the horse's back she looked like a jockey," says the 4-H volunteer. "Her legs gradually relaxed and came down." These benefits carried over into non-riding activities, allowing the woman to move with greater ease during her everyday pursuits.

Her interest aroused, Jackson volunteered as a side-walker apprentice for handicapped riders at Thorncroft Therapeutic Riding, Inc., in Malvern, Pa. Handicapped riders may need up to six side-walkers to aid them. She continued her study at Thorncroft, and after attending a 4-H riding seminar in Maryland and seeing what other states were doing for handicapped riders, she was determined to start a program in Delaware.

Jackson, an eight-year 4-H volunteer, says the easiest part of starting the program was recruiting volunteers as side-walkers. Mark Manno, New Castle County 4-H agent, says, "People get a sense of satisfaction out of helping a handicapped youngster ride." About half the adult and youth volunteers have been involved in other 4-H projects.

The Brandywine Hundred Lions Club helped out by building and donating a special mounting ramp for wheelchair-bound youngsters.

Jackson also had to find a therapist familiar with riding to work with the 4-H'ers. Marjorie Frankel, an occupational therapist with the Philadelphia school system and owner of two horses, was a perfect choice. Her field of interest is special education. Her training in neurodevelopmental techniques enables her to identify an abnormality by analyzing muscle tone associated with a movement. She teaches the children how to feel normal muscle tone so they can learn to sit, stand and move correctly.

A physical therapist is also available on request, and a rider's regular therapist is welcome to attend lessons.

Riders receive a half-hour private lesson tailored to their individual needs. Frankel is available one day per week, but the 4-H'ers may ride up to three times weekly.

"For physically handicapped riders, a horse may be used as an actual physical therapy tool through the massaging action of its

(Turn to Page B18)

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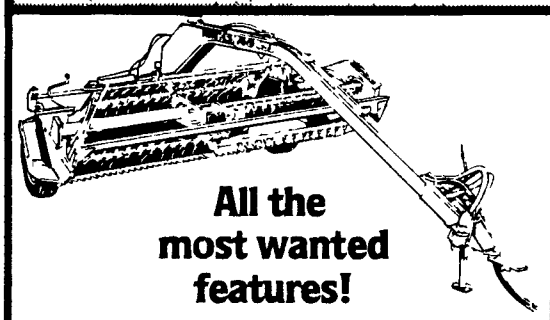

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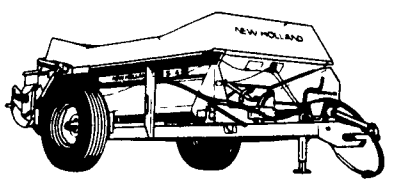

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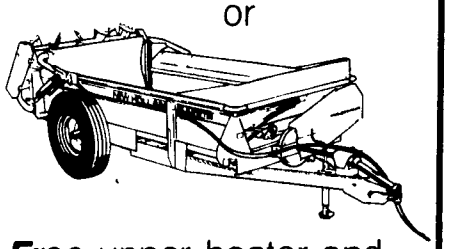

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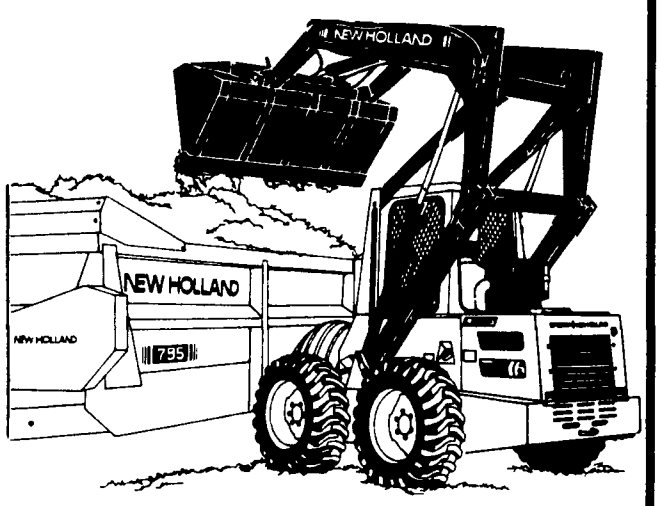

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Seamstress Karen Nicodemus makes Christmas dreams come true

BY BETSY STITT
Staff Correspondent

MARTINSBURG — What child has never dreamed of finding a cuddly teddy bear under the Christmas tree?

Karen Nicodemus of Martinsburg makes many youngsters' dreams come true with her homemade teddy bears and other stuffed animals and crafts. What started as a hobby has turned into a career for this dairy farmer's wife.

Karen and her husband, Vernon, live on a small dairy farm on the edge of Martinsburg. They have four children: Emily, 16; Andy, 13; Sally, 9; and David, 7.

Karen helps out on the farm wherever she is needed; her primary duty is helping with the haymaking in the summer. The two older children have taken over many of the chores that were once hers, leaving Karen with more time for her crafts.

Karen started sewing as a young girl and was a member of the 4-H Sewing Club for a short time. However, it was her aunt and cousin who played the most important role in encouraging her to pursue her sewing career.

Vernon gave Karen a sewing machine for a wedding present and she has used that same machine for the past 17 years to sew hundreds of miles of fabric into clothing and crafts.

Sewing clothing for the family was one of Karen's first projects. But about 10 years ago she started making crafts as gifts for family and friends and she has devoted less time to clothing projects since then.

Karen admitted that now she mends clothes only when she has to. "Crafts are just much more fun," she said.

Although Karen makes primarily fabric articles, she has also tried pine cone wreaths, macrame, basket weaving and many other crafts.

Her first projects, aside from gifts for her family, were puppets. She has made puppets for the youth group of the Grace Brethren Church of Martinsburg, where she and her family are members. The group uses the puppets extensively in their ministries throughout the year.

Word of the wonderful job Karen did on the puppets soon circulated and she now has puppets literally all over the world. A group of young people from Chicago, Ill. by the name of International Teens have many of Karen's puppets and use them to minister to people in France, China, Mexico and Jamaica.

Karen seldom makes puppets anymore. Apart from taking a long time to make, she said, "I made so many puppets I think I just got burned out on them." Karen has moved on to stuffed animals, which she much prefers.

Karen makes all kinds of stuffed animals, but teddy bears are her favorite. She make them in all different sizes, including one that was four feet tall. She has developed her own type of joints for teddy bears and horses which make them a popular item at craft shows.

Karen and her sister Janice Colbert, also a talented seamstress, attend four to six craft shows a year.

September through December is the busiest time of the year for Karen. Most craft shows are held during this time and she is busy making Christmas orders as well. The most popular Christmas crafts are jointed horses and teddy bears and stick horses.

Karen said it takes about four hours to make one teddy bear. Surprisingly, many of the people who purchase the bears are adults who will use them to decorate their homes.

Recently Karen began buying old quilts that are beyond repair to make teddy bears from. She said she can get about five or six bears from each quilt.

"The bears made from quilts are especially nice if you know who owned the quilt," she said.

Karen uses mostly commercial patterns for her crafts, but she did make one special project from an original pattern. It was a dragon costume to be used as a mascot for Central High School, where her daughter attends.

She said the body was not too difficult to make, but she spent hours figuring out how to design the head. She reported that when she finally did come up with an idea, it worked quite well.

After the Christmas rush is over, Karen will be working on another special project — a cow costume for the Blair County Dairy Promotion Committee.

In the future, Karen would like to make her own patterns for crafts. She is already working on making her own teddy bears.

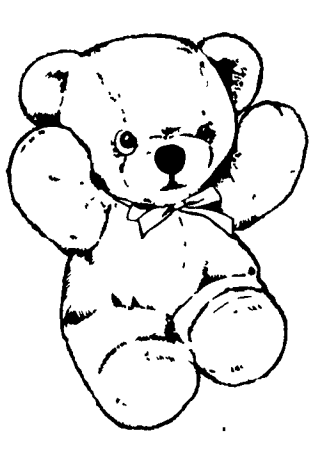
She is a jury member of the Blair County Crafts Guild and has had her teddy bears and stick horses juried. That means that a board of jury members have thoroughly checked these items and they have met their standards of quality.

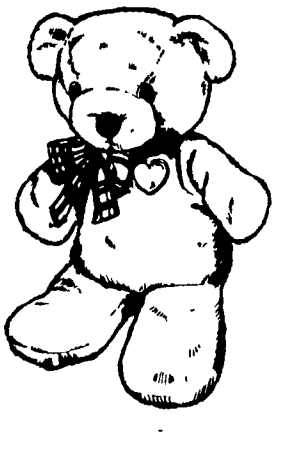
Karen's next step is to become a member of the State Guild, which would enable her to display her crafts in State Juried Shows.

Karen has served as chairman for crafts at the Keystone Country Festival, held annually at Lakemont Park. She was in charge of placing people, setting up backgrounds for displays and making sure that all went smoothly.

"I really enjoy making crafts," Karen said. "It is a lot of fun and I like to see the enjoyment people get from my crafts."

Karen displays some of her hand-crafted Christmas items — an angel and a teddy bear.





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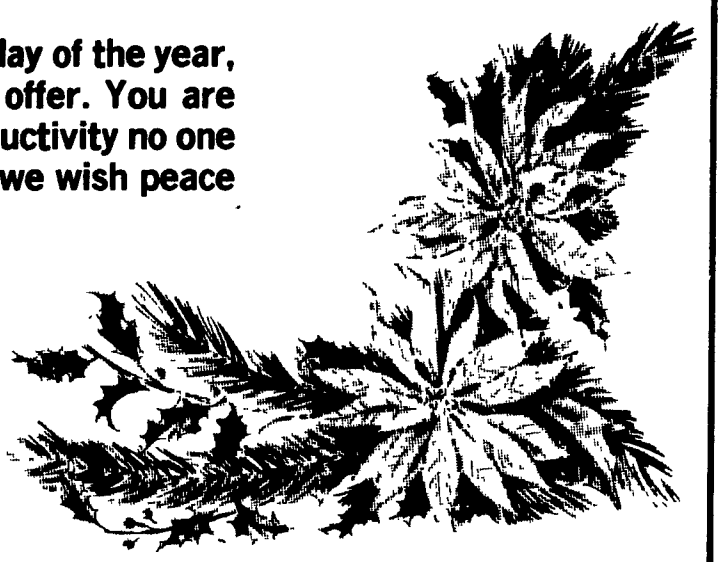

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4-H riding program

(Continued from Page B15)

muscles," says Jackson. "Or it may be used as a learning aid in conjunction with other aids such as rings, balls or flash cards for riders with learning disabilities.

"A lesson on horseback is a lot different from one in the classroom," says the former public school teacher. Her quick smile conveys an understanding of a child's reluctant attitude toward schoolwork.

Specially trained horses aren't necessary. "I just use three very quiet horses," says Jackson. "They don't flinch when balls are thrown around them or when we hang rings on their ears. The horses seem to know when their riders are handicapped." At times the 4-H'ers ride backward or even lie across a horse's back to get maximum massage benefit from the ride.

For the most part, standard riding equipment is used. The riders wear hunt caps with chin harnesses, and in lieu of saddles they use felt or fleece training pads to keep them close to the animal's body. They also use break-away stirrups for quick release of feet in an emergency.

When Jackson does need special equipment, she is creative. A cylinder of pipe insulation wedged between foot and stirrup keeps the foot from rotating out of position. She uses whatever is in the immediate environment to help riders with math, reading and perception skills.

"One of my riders is fascinated with the horse's feet," she says. "So we use them as the basis of a counting lesson."

News of the therapeutic riding program spread by word of mouth. All youngsters who applied were accepted. However, they were required to have permission from their doctors to ensure that they were physically able to ride.

During December, Janaury and February there will be no riding, as the extreme cold inhibits the riders' muscle relaxation. But work on the program won't stop for Jackson. She will review videotapes of the riders taken on a monthly basis to document their often dramatic improvement. She also plans to evaluate the pilot program to see how it can be improved and made available to more riders.

What motivates Carolyn Jackson to devote so much of her time to the program? Watch little Joey sit tall on the horse, raise his head and say, "Walk on, please." His smile is her reward.

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Lebanon 4-H'ers wins national gardening, horticulture scholarship

LEBANON — Anne Grumbine, R2 Myerstown, has been named one of eight national winners in the 4-H gardening and horticulture program. Anne received a $1,000 scholarship from Ortho Consumer Products Division, Chevron Chemical Company, the program sponsor.

Selected by the Cooperative Extension Service, winners receive their awards during the 64th National 4-H Congress held recently in Chicago.

Grumbine, daughter of Mr. and Mrs. Ray Grumbine, is a high school senior and plans to attend Penn State University to major in horticulture.

A seven-year 4-H'er and member of the Avon-East Lebanon Club, she ordered 3,000 gladiolus bulbs in the fall of 1984 and obtained a loan to pay for them. She paid back the loan by selling the flowers to a local florist.

"I gained valuable experience," she said. "I learned about planting, raising and harvesting gladiolus and I am now more aware of the market available for them."

She said, "for the last two years I have channeled my love for flowers in a different direction "by working with a group of mentally retarded children. She recruited three other 4-H'ers to help her show the youngsters how to plant seeds and transplant seedlings.

"Working with these young people was a new experience for me. It was very rewarding to watch their excitement over accomplishing something as simple as planting a flower," she said.

She attended the 1983 National Junior Horticulture Association convention in Tulsa, Okla., and returned home with national honors after completing a nosegay demonstration. She also was a member of the 1985 Pennsylvania state 4-H flower judging team which competed at the 1985 National Junior Horticulture Association convention in Louisville, Ky. Anne was a national winner in the extemporaneous speech contest in the 15 to 18 year old category with her speech entitled "What Horticulture Means to Me."

We wish to all our friends the merriest Christmas ever! Thank you for your valued patronage.

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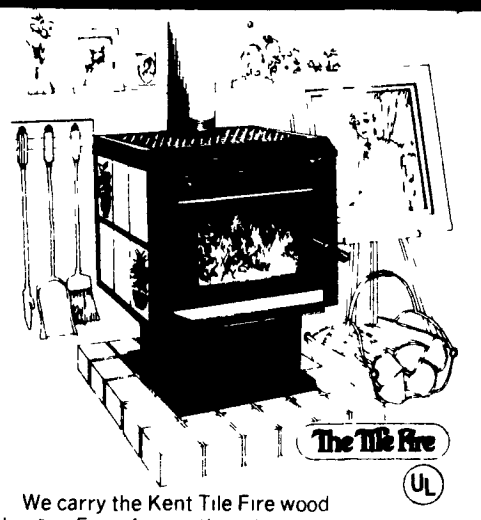

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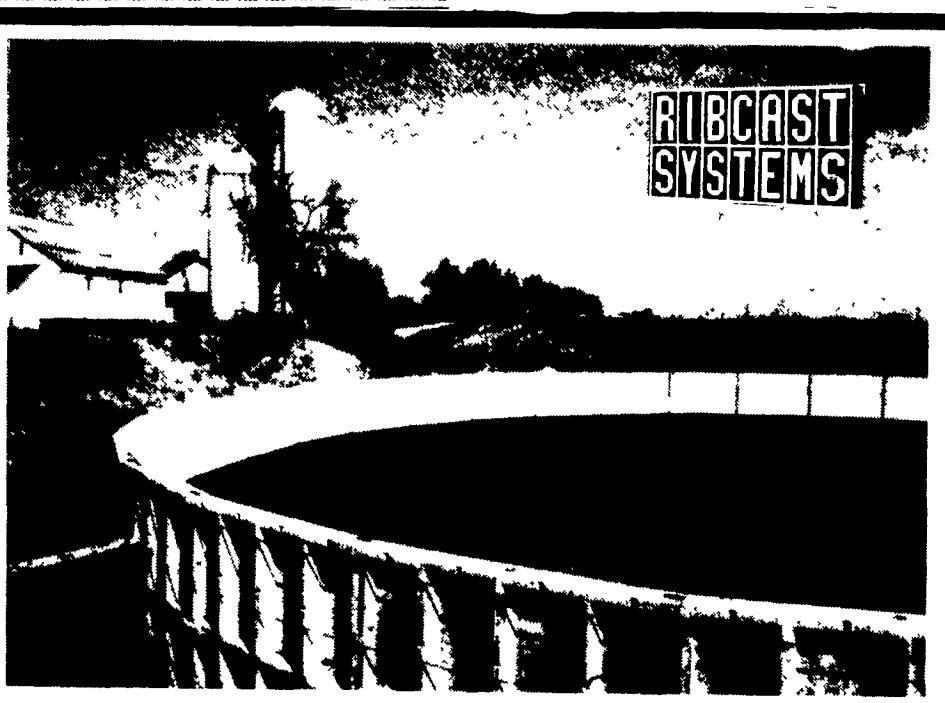

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THE MICRO WAY

LANI BLOOMER

For lunch or dinner on a blustery winter day, what could be better than a bowl of hot steaming soup? Soups are warming, filling, satisfying, nutritious, and delicious. And homemade soups are double all that!

With your microwave, and ingredients from your pantry or leftovers, soups are economical, easy and don't take all day to make. So if your food budget is being squeezed by holiday gifts, make a pot of soup for dinner. Add some salad and warm biscuits, muffins or bread, and you'll satisfy anyone's appetite. Here are three, hearty soups to try.

Potato soup is a good "last minutes' notice" soup, since you don't need any special ingredients.

Potato Soup

3 slices bacon
1 large onion, chopped
1 clove garlic, minced
6 potatoes (about 2 pounds), cut ... ½-inch cubes
2 cups hot water
1½ teaspoons salt
1/8 teaspoon white pepper
3 cups milk
6 tablespoons flour

1. Put bacon in a 3-quart casserole and microwave on high for 3 minutes, until crisp. Remove, crumble and save for garnish on soup.

2. Add onion and garlic to bacon fat and stirring once, microwave on high for 3 minutes, until tender.

3. Stir in hot water and potatoes and cover. Stirring once halfway through the cooking time, microwave on high for 18 minutes until potatoes are tender.

4. Add flour to milk, stirring well until smooth. Stir into potatoes. Leave uncovered, and microwave on high for 15 minutes, stirring every 5 minutes, until soup boils and thickens.

5. When serving, sprinkle crumbled bacon on top of soup in bowl.

TIP: Soup boils over easily after adding milk if it is covered. To reheat soup, microwave on high, uncovered and stir frequently. Serves 6 to 8.

When you cook a turkey, boil the leftover bones in water to make stock. Strain and freeze it, and you've got a quick and flavorful base for soup, gravy, or casseroles.

Turkey Noodle Soup

2 stalks celery, chopped
2 carrots, thinly sliced
1 medium onion, chopped
1 clove garlic, minced
1½ cups diced leftover turkey (or chicken)
1 tablespoon parsley chopped
1 teaspoon salt
8 cups turkey stock (or water and 6 chicken bouillon cubes)
3 cups uncooked thin noodles, such as fettucini

1. Combine first 4 ingredients in a 3-quart casserole and cover. Microwave on high for 4 minutes, stirring once.

2. Add remaining ingredients to casserole. Cover and microwave on high for 15 minutes until boiling.

3. Stir, and microwave on medium (50,5) for 8 to 10 minutes until noodles are tender. Time for simmering will depend on type and shape of noodles you are using. Serves 8.

TIP: With a food processor, chopping and slicing the vegetables is a snap. If you don't have one, and want to save time, use 2 cups frozen vegetables. Add in step 1 in place of celery and carrots.

When you have a ham or pork roast, freeze the bone with a little meat left on, and you'll be ready to make bean soup some cold winter day.

Bean Soup

1 pound dry navy beans
8 cups hot water
1 large onion, chopped
1 large carrot, thinly sliced
1 clove garlic, minced
1 ham or pork bone with a little meat left on (or use 1 cup diced cooked ham or pork)
1½ teaspoons salt

1. Soak beans in water overnight in a 3 quart casserole.

2. In the morning, add the remaining ingredients and microwave on high for 20 to 25 minutes until boiling. Stirring once or twice will help soup heat faster.

3. Microwave on medium (50,5) for 60 minutes, until the beans are tender.

4. Remove bone and let cool slightly. Remove 2 cups soup and puree in a blender or processor until smooth. Return pureed mixture to soup. Cut meat from bone, dice and add to soup.

5. To serve immediately, microwave on high 6 to 8 minutes until steaming hot. Or, refrigerate until serving time. To reheat, microwave covered, on high, stirring once or twice. (With a probe, heat to 160 degrees). Serves 8 to 10.

TIPS: To eliminate overnight soaking time for the beans: Put beans and water in 3-quart casserole. Microwave 15 to 20 minutes on high until boiling. Let stand 1 hour. Add the remaining ingredients, microwave about 10 minutes until boiling, then continue as directed in step 3.

If your oven has a 12-hour delay start feature, use it to make the soup while you are at work or shopping. Put all the ingredients, except the meat in the casserole with water in the morning to soak.

Set delay start to start cooking in Step 2 about two hours before you come home. Set oven with Step 2 in one memory or stage, and Step 3 in a second memory or stage.

When you get home, puree beans, add diced meat and microwave on medium (50,5) for 15 to 20 minutes to blend flavors and heat.

NOTE: The times above are for microwaves with 600-700 watts of power. For ovens with 500-600 W, add 10 seconds to each minute; for 400-500, add 20 seconds to each minute.

Have a warm, joyous and fulfilling holiday season.

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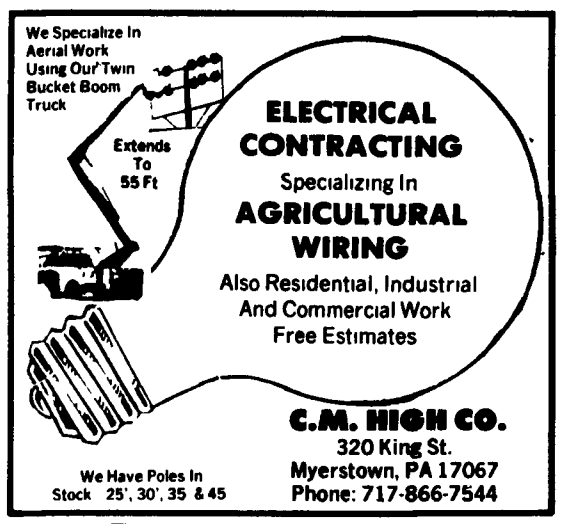

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Are you shopping for a holiday plant as a gift or decoration? Dave Tatnall, University of Delaware extension ornamental horticulture specialist, has some tips to help you choose and care for it.

"A holiday plant, like any plant, should be healthy, well shaped and of a suitable size," he says. "Look for one with clean foliage that has good color and is free of pests. Flowers should be abundant—preferably just beginning to open."

Although flowering plants are by far the most popular for Christmas giving, foliage plants can be just as attractive, Tatnall says. One of the best is the Norfolk Island pine. This slow growing, needled evergreen does well under average indoor temperatures and lighting conditions. You can even use it as a Christmas tree.

If you decide on a flowering plant, Tatnall recommends choosing a type that will thrive indoors. Also, consider whether you will keep or discard it after the holidays.

"The poinsettia, cyclamen, Christmas pepper and Christmas cactus are all popular," the specialist says. "But only the Christmas cactus makes a good permanent plant. It needs more water than a desert cactus. Keep it evenly moist in room with a moderate temperature. In the summer put it outside, but protect it from excessive wind and sun. In early October bring the cactus inside again for its pre-bloom state. Keep it cool and dryish until buds form. Then increase the temperature and water to start the flowering cycle again."

Though Christmas peppers and cyclamens are normally discarded after blooming, Tatnall says he has had success in keeping cyclamens an extra year. You may want to try your luck with this plant, too.

"A poinsettia, though not a satisfactory year-round houseplant, is a holiday tradition in many homes," the specialist says. "Like most flowering plants, it needs lots of light. A sunny windowsill is ideal. A favorable location can greatly lengthen the blooming period and keep the plant looking attractive for four or six months."

Getting a poinsettia to bloom a second Christmas is tricky because the plant must receive special lighting in the fall. Tatnall suggests ambitious poinsettia owners consult a horticulture reference book for details on the procedure.

"For best results keep all your holiday plants out of drafts," advises Tatnall. "Also avoid moving them frequently from one location to another."

By providing plenty of light, moderate temperatures (58 to 62°F. at night and 68 to 72°F during the day) and moist but not soggy soil, your holiday plant should thrive well into the new year

Farm Women Societies

Lancaster Society 8

Members of Lancaster Society 8 and their husbands met at Wolgemuth's Inn, Elizabethtown, on Dec. 12 for their annual Christmas party.

President Grace Bixler read about Christmas customs around the world and led the group in devotional time. Special music was presented by the "Miller Quartet," composed of Martin Miller, Rev. Richard Miller, David E. Miller and Arthur Miller. Accompanist was Pauline Miller.

Martin Miller led the group in singing Christmas carols.

The next meeting will be Wednesday, Feb. 12 at 2 p.m. at Crossroads Church.

Lancaster Society 10

Members of Lancaster Society 10 held their Christmas party at the Joe Myers Restaurant on Dec. 8.

The society will be represented at the State Convention in January by Nancy Starr, Suie Dietrick and Kathryn Hebbe.

Kathy Scott, whose term as president is expiring, gave special thanks to all her officers and committee chairmen for doing a good job this past year.

A $100 gift will be given to Christ's Home. Three shut-in members will be remembered with poinsettias and two 90-year-old members received poinsettias. Kathy received a poinsettia and a Farm Women's pin with her birth stone. The gavel was then handed over to Nancy Starr, the new president for the coming term.

The January meeting will be held at the home of Mrs. Suie Dietrich, East Petersburg.

Society 10 will be entertaining Society 7 in March at the Espenshade Farm.

Lancaster Society 19

Lancaster Society 19 met recently at the home of Martha Musser; Mildred Eshleman was hostess.

Musical entertainment was provided by the Penn Manor 4-H Mini Band, consisting of members Connie and Dale Siegrist, and Doug and Kenny Charles.

Society member Betty Saylor offered a few highlights of her trip to Israel, followed by humerous writings of Ogden Nash and some Christmas readings.

The next meeting will be at Martha Musser's home on Jan. 11.

Lancaster Society 18

Lancaster Society 18 met at the home of Dorothy Brubaker for the Dec. 14 meeting.

Mrs. Naomi Glessner from the Town and Country Garden Club presented the program "Christmas in Williamsburg." She showed how easy it is to decorate using live greens. A special Christmas gift for the birds was given to Amy Martin as a door prize.

Outgoing president Anna Esbenshade conducted the business meeting and installed Suie Wissler as the new president for 1986-1988. Other new officers are: Libbie Greider, vice president; Edna Buckwalter, recording secretary; Mae Weaver, corresponding secretary; and Violet Swarr, treasurer.

Delegates to the State Farm Women annual meeting will be Mary Lou Shelton, Evelyn Brubaker and Mildred Kreider as well as the president.

Guests at this meeting included Mrs. Brubaker's daughters, Mary Louise Toews and Betty Wood, and former member Arlene Esbenshade Holbein.

The next meeting will be on Jan. 18 at Grace United Church of Christ, New Holland Pike.

Lancaster Society 24

Lancaster Society 24 met at the home of Mrs. Chris Lantz, Leola, for a covered dish meal on Dec. 10..

Hostess Dotty read the Christmas story in Luke.

President Loretta Hurst reminded the group of the upcoming State Convention Jan. 13 and 14 at Harrisburg. Mary Mellinger and Lois Erb will be the society's delegates.

The next meeting will be held Jan. 28 at the home of Mrs. Mehren Mast, Morgantown. At that meeting, members will reveal their secret sisters.

Lancaster Society 25

Lancaster Society 25 held its annual family Christmas party at Wangers Clinic on Dec. 14.

Each member brought two dishes for the meal. After a brief business meeting, the group sang Christmas carols and told stories of Christmas celebrations.

Rev. and Mrs. Hoke were guests at the party and Mrs. Hoke told how they celebrated Christmas while doing missionary work in India.

The next meeting will be on Jan. 11 with Mrs. Helen Mylin, R3 Willow Street, as hostess.

Berks Society 1

Berks Society 1 held its Christmas party at the Washington Inn on Dec. 11.

Dr. Jesse Rothenberger provided the entertainment for members and their husbands. A gift exchange followed and secret pals were revealed.

The next meeting will be on Jan. 8 at the home of Mrs. Trula Brown. The program will be a "Come as you Are" party.

Berks Society 12

Members of Berks Society 12 met recently at the home of Pauline Hardranft. The group made a Christmas hanging with Noel on it.

The group held its Christmas party on Dec. 15 at the Christ's Little Tulpehocken Church.

Berks Society 5

Berks Society 5 held its annual family Christmas party on Dec. 14 at the Tulpehocken Church in Millardsville.

Members and their families and friends enjoyed a meal of ham and chicken, and a Christmas slide presentation set to music by Lucille Dundore entitled, "Tis the Season." Santa delivered gifts to the children and secret pal gifts to members.

Nan Feeg, Alberta Keener, Kathryn Neff, Betty Wessner and Mrs. Santa Claus, portrayed by Carolyn Feeg, delivered the 35 gifts purchased by Group 5 members to the residents at Independence Terrace in Womelsdorf on Dec. 4.

The next meeting will be held at the home of Mrs. Celeste Manbeck, R1 Womelsdorf, on Tuesday, Jan. 14 at 7:30 p.m. The program for the evening will be "Safety," presented by the Pennsylvania State Police from Hamburg.

Lebanon Society 20

Lebanon Society 20 held its Dec. 9 meeting at the home of Vera Fahnestock, R1 Jonestown.

Outgoing president Marion Maulfair announced that members still have time to sign up to attend the State Convention in Harrisburg during Farm Show week. She also told the group that the Extension office is looking for new ideas for presentations. The Spring Rally will be held in May at the York Fairgrounds.

Julie Zimmerman and Pattie Maulfair will audit the treasurer's book.

At the completion of the business meeting, Marion Maulfair handed out a gift of tulip bulbs to each member and the group gave her a basket of dairy products.

Incoming president Vera Fahnestock had the program committee distribute the 1986 program books.

Gifts were exchanged and new secret pal names were exchanged.

The January meeting will be in the home of Carol Hershey.

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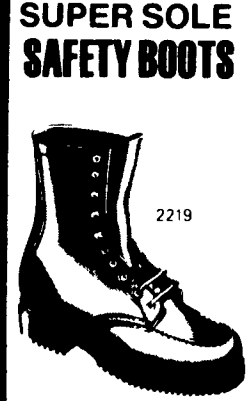

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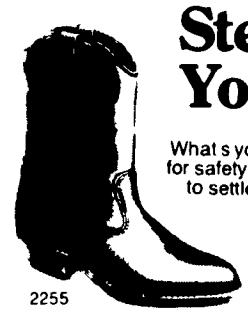

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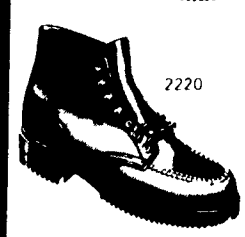

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Bucks County 4-H Night

DOYLESTOWN — Bucks County recently celebrated 20 years of involvement in the International 4-H Youth Exchange activities during their annual 4-H Awards Night. The organization also honored its outstanding members and leaders during the event.

Exhibits from various countries that 4-H members in the exchange program have visited included: Japan, Renee Mullowney and David Dickson; United Kingdom, Annette Crooke, Ginny Walton and Gail Crooke; Denmark and Australia, Betsy Crooke; Korea, Judy Foulke; Ireland, Betty Lou Painter; and Germany, Tom Dickson.

The celebration also included a dessert buffet of international foods and a presentation by international folk dancers.

During the awards program Arleen Miller, 17, Richboro, and Renee Mullowney, 18, Churchville, were selected as the 1985 Outstanding 4-H'ers and received the Bucks County 4-H Clover Awards.

The Clover Award is based on 4-H involvement and the 4-H'ers' personal development through citizenship and leadership skills.

Arleen Miller has been a 4-H member for nine years in the Seeing Eye Puppy Club. She was selected as the Pennsylvania Dog Care and Training winner and attended the National 4-H Congress in Chicago.

Arleen has been a volunteer 4-H camp counselor and a state blue ribbon winner in 4-H demonstrations. She is currently president of the Bucks County 4-H Teen Council.

A senior at Council Rock High School, Arleen is the daughter of Mr. and Mrs. Donald Dickson.

Renee Mullowney was a member of the Richboro 4-H Club for six years. She is the past president of the Bucks County 4-H Teen Council.

During the summer of 1985 Renee visited Japan as a delegate of a special 4-H exchange program. She has been involved in 4-H citizenship programs in Washington, D.C. She is also interested in gardening and was on the winning state 4-H Flower Judging team.

A sophomore at Penn State University Ogontz Campus, Renee is the daughter of Mr. and Mrs. Ronald Mullowney.

Also recognized during the program were Katy Dalton, 17, Yardley, and Karen Lunova, 16, Churchville, who both received the Danforth "I Dare You" Award. The award is given in recognition of the 4-H'ers' service and good citizenship to the community.

The daughter of Mr. and Mrs. John Dalton, Katy is a senior at Pennsbury High School and past president of the Edgewood 4-H Club. Her special 4-H interest is raising rabbits.

She has taught young members about care of rabbits and small pets and has helped organize the county 4-H Rabbit Show.

Her citizenship experiences include attending the National 4-H Citizenship Washington Focus program.

Karen Lunova is a junior at Archbishop Wood and has been an active member of the Richboro 4-H Club for eight years. Karen has been a teen leader and has worked as a volunteer 4-H camp counselor.

Her interest in horticulture has helped her participate in state flower and vegetable judging contests. The daughter of Mr. and Mrs. Paul Lunova, Karen is also treasurer of the Bucks County 4-H Teen Council.

The organization also honored Mrs. Eugenia Howes, Newton, with the Bucks County "Friend of 4-H" Award in recognition of 31 years of volunteer service.

Mrs. Howes was the organizational leader for the Wrightstown 4-H Club for 20 years. During this time, the 4-H club conducted many community service activities in the area. Her four children participated in the program.

Currently a member of the Bucks County 4-H Development Fund board of directors, she continues her volunteer involvement. She also supports the the 4-H dairy project and sponsors the James L. Howes Memorial Award which recognizes the outstanding 4-H dairy cattle showman at the Middletown Grange Fair.

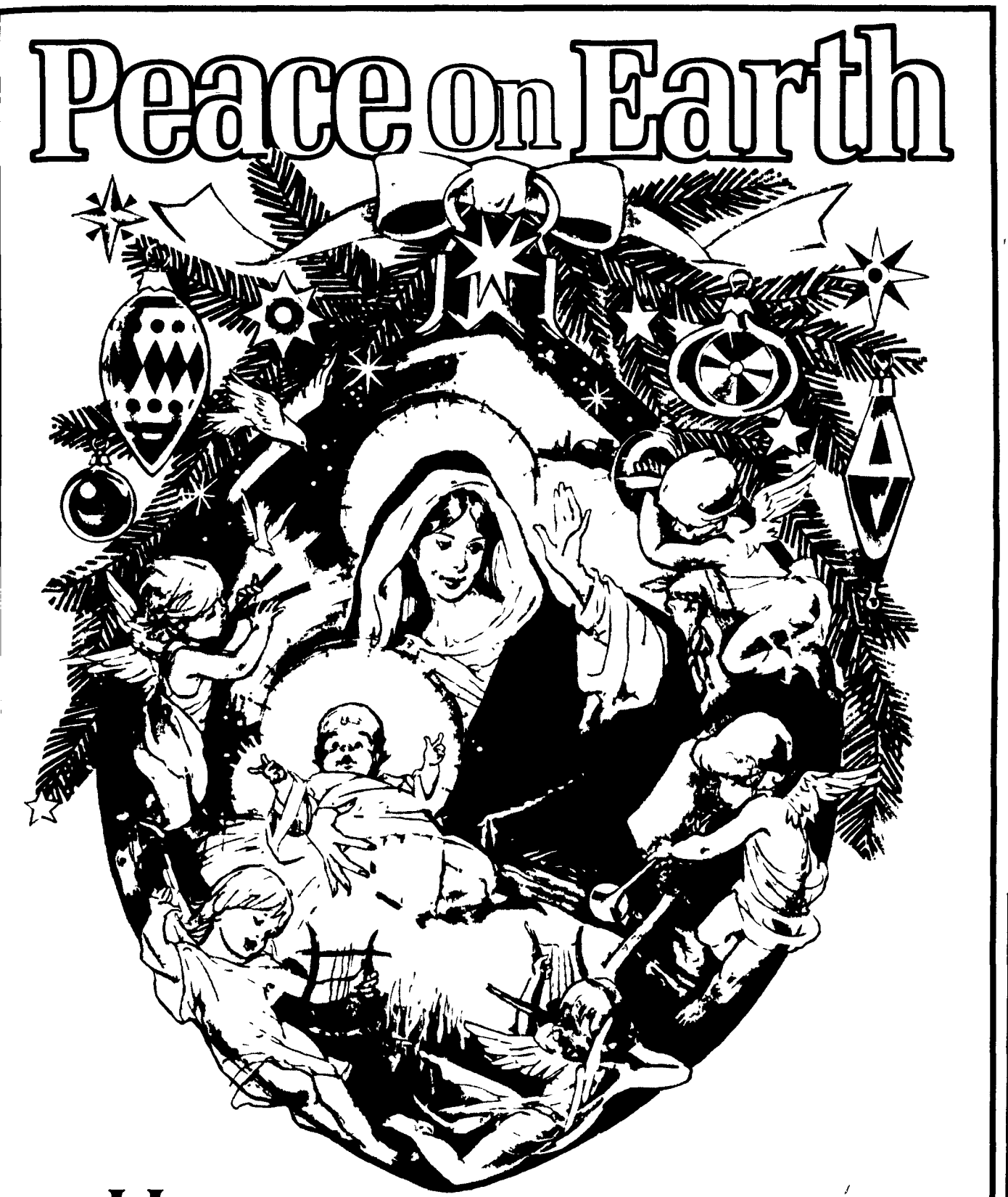
Others honored at the banquet included: Kim McHugh, Club Secretary Award; Susan Radomiski, Club News Reporter Award; Richard Schofield, Kara Haas, and Kathy Moss, Teen Leadership Pins.

The Junior Cloverleaf Award went to Sara Caldwell, Paul Plumer, Amy Robinson, Susan Topping, Jeannette Dumnyer, Brenda Slack, Necole Guzzo and Kim McHugh.

4-H leaders who received the Award of the Silver Clover for five years service were: Joan Betts, Frank Hoke, Franz Kautz, Helen Lunova, Betty Lou Painter, Helen Schmidt, Connie Schofield, Joan Wallace and Marilyn Walton.

Receiving the Award of the Gold Clover for 10 years of leadership were Ruth Bowers and Nina Pultorak and Nancy and Walter Wurster.

Margaret Moyer received the Pearl Clover for 15 years of service.



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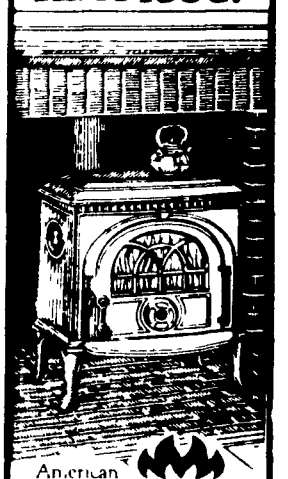

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Ida's Notebook

Ida Risser

Today is the first day of winter. And, I am reminded of activities that past years brought. As the oldest of seven girls, I often felt like a hired boy as I had no brothers and so was expected to help outdoors a lot.

One perpetual job was keeping the big iron water trough filled with water for our six horses and all of the the steers. The metal handle on the pump was cold and icy on winter days.

We raised tobacco on our two farms and when the weather didn't cooperate, we had to bring the lathes down into the tobacco cellar one by one. If I bumped a leaf against a wall and it shattered, I was sure to be yelled at. One day I was told to help with this job on our lower farm. So, I walked to the Conestoga River nearest our home, put on my skates and glided for over half a mile around the bends in the river. I stayed close to the shore because the ice was creaking and groaning under my weight. I wouldn't do something so foolish today.

Winter meant long underwear to my ankles with brown cotton stockings on top. These were held up by garters fastened to a bodice. If we were lucky, my sisters and I were allowed to dress in front of the round stove downstairs. Occasionally, we got too close to the stove–ouch! Also, I must not forget the sledding on our steep hill in the meadow.

This year I expect Christmas day will be rather quiet around here as only our two youngest children will be here. But, the following weekend will bring droves of relatives. We expect about forty people on Saturday and the same number on Sunday. I'd better put all the extra boards in the oak and walnut tables.

USDA quarantines Santa Clara Co.

WASHINGTON – The U.S. Department of Agriculture has quarantined an area in Santa Clara County, Calif., to help prevent the spread of the oriental fruit fly, one of the world's most destructive fruit and vegetable pests. USDA last month quarantined parts of California's Los Angeles and Orange Counties for oriental fruit fly.

Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service, said male and female adult oriental fruit flies and larvae have recently been found in these mainly residential areas.

"This pest could devastate our fruit and vegetable crops– particularly citrus– and ruin export markets if allowed to spread to commercial production areas," Hawkins said. "Containment and eradication are of vital importance."

The quarantine . regulations restict the movement of oriental fruit fly hosts– approximately 100 kinds of fruits, nuts, vegetables, and berries– from the quarantined areas, unless certain conditions are met. The movement of soil and other possibly infested articles from the quarantined areas also is restricted. A certificate or permit must be obtained from USDA before fruits, vegetables, and other regulated articles originating in the quarantined areas can be moved interstate.

Hawkins said federal, state, and county plant protection officials have applied 600 bait stations per square mile throughout the areas to eradicate the infestation. Bait stations are small applications of an insect attractant-pesticide mixture. Officials also have made limited ground applications of pesticide spray in areas surrounding the places where the flies were detected. Hawkins said quarantine regulations will remain in effect until eradication is achieved.

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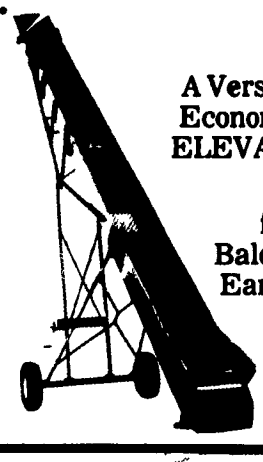

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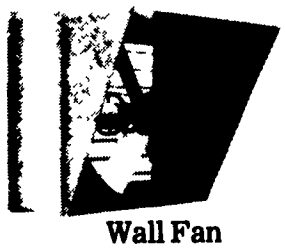

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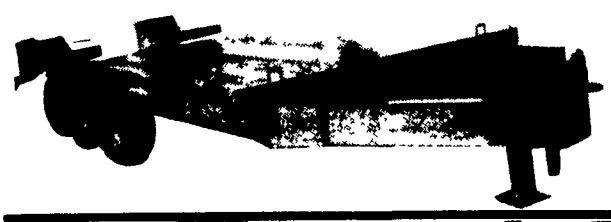

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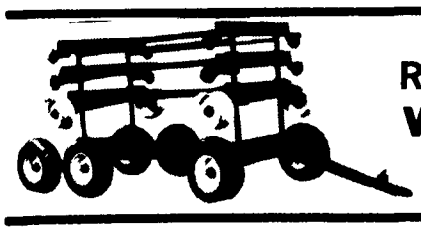

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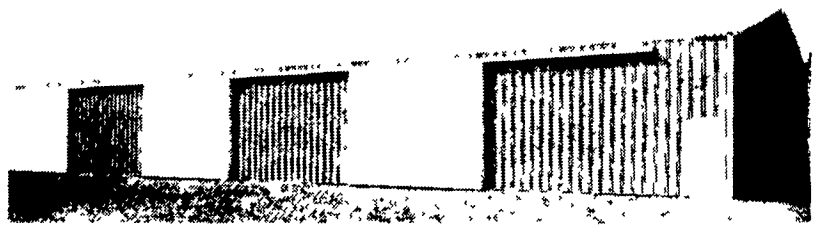

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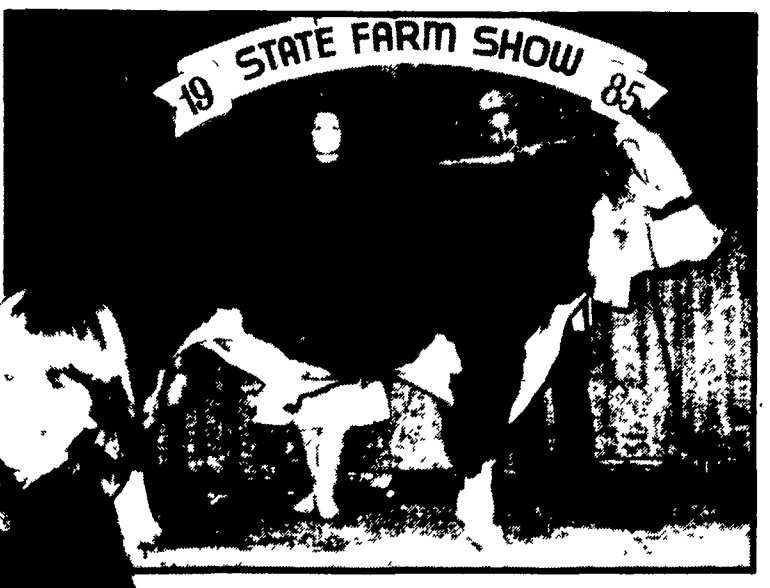

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ITC 'too legalistic' in pork ruling, Bedell says

WASHINGTON – After meeting privately for more than an hour with members of the International Trade Commission, U.S. Rep. Berkley Bedell, (D-Iowa), said the Commission's interpretation of trade law is too rigid and lacks common sense.

"It is quite clear to us that the Commissioners are using overly legalistic interpretations of the law, and they're not using common sense," Bedell said. "I explained to the Commission that operating in this way causes people to have less and less confidence in the government."

Bedell was referring to the ITC ruling in July that a countervailing duty should be imposed on live hogs imported from Canada but not on pork products. Bedell, along with members of the Agriculture subcommittees on livestock and on trade, which Bedell chairs, met with the Commissioners to get a better understanding of the ITC ruling.

After the meeting, Bedell called the ITC decision a "crazy ruling."

"The ITC apparently based their ruling on the contention that hogs are not the same as processed pork products, so imports of the latter don't affect pork producers," Bedell said, "Common sense should tell you that demand for live hogs is affected by the supply of the finished product. If there's more processed pork on the market, U.S. packers are going to buy fewer live hogs. The price for the producer will drop.

"But the Commissioners don't see it that way. They somehow think pork producers aren't affected by Canadian imports of processed pork. And they don't see that Canadians will be able to get around the duty on live hogs, by shipping more processed pork to the U.S."

Bedell has introduced legislation to correct the problem. The bill would provide for trade relief in cases in which raw agricultural products are used to produce a processed product in a single continuous line of production, or in which the producers of the raw product and the producers of the processed product are economically interdependent. Bedell's subcommittee, in conjunction with the livestock subcommittee, have had hearings on the legislation and the pork decision.

"We will continue to press for legislation to make sure that we apply some common sense to trade matters," Bedell said.

Does Santa watch TV?

BY
PAMELA REDMOND SATRAN
Copley News Service

Three-year-olds are very inquisitive creatures. And you can bet they ask a lot of questions about Santa Claus, who's both interesting and mysterious.

I've already successfully fielded several questions on Santa, such as, "Where Does Santa Live?" (North Pole); "How come we can't see him?" (He's magic) and, "What does he feed his reindeer?" (Chicken noodle soup, which is why you should eat yours).

But now that Christmas is almost here, it's getting trickier. I'm trying to get through it by pretending I'm the head of a multinational corporation being grilled by Mike Wallace.

For instance:

"Does Santa buy toys at the store?"

"No, he makes them with his elves."

"Does he have the same toys as the store does?"

"Oh, sure. The same kinds."

"Do the elves send toys to the stores?"

"No, the elves just make toys for children."

"How come?"

I answer these open-ended "how comes" the same way generations of parents have: I say: "Because."

For the past year, whenever a toy commercial set Rory shrieking, "I want that!" I've been saying, "You'll have to remember to ask Santa to bring it." Now she's ready to collect on her 2,678-item list, and she's worried that Santa hasn't seen the same commercials she has.

"Does Santa watch TV?" she asks.

"I don't think so," I answer, hedging.

"Then how will he know what to bring me?"

"He'll know."

A few moments of silence.

"I don't want toys from Santa. I want them from the store."

"Oh, no," I say, panicking. "Toys from Santa are better."

"How come?"

"Because."

In one of Rory's favorite books, "Babar and Father Christmas," Santa Claus takes a little vacation in Babar's kingdom–Elephant Country–before shifting into high gear for the Christmas season.

"Is Santa Claus in Elephant Country right now?" Rory asked me today.

"Un, no. He's at the North Pole."

"Well, when is he going to Elephant Country?"

I take a deep breath. "Rory, Elephant Country is a pretend place and Babar is a pretend character. They're not real." I wait for the logical follow-up, and am not disappointed."

"Is Santa Claus pretend?" she asks.

"Oh, no," I say. "Santa's real."

I hate to lie about anything, but I want my daughter to believe in Santa Claus. Christmas hasn't been the same for me since I was 12 and a boy I had a crush on burst the bubble I clung to for what may seem an absurdly long time. Maybe I was an extremely gullible child; maybe my parents held up extremely well under questioning. Either way, I'm glad.

F.W.S. Calendar

Thursday, December 26
Lancaster Society 11 meets for a Christmas program.

Saturday, December 28
Lancaster Society 4 meets at Salunga Fire Hall at 12:15 p.m. for a Christmas covered dish luncheon.

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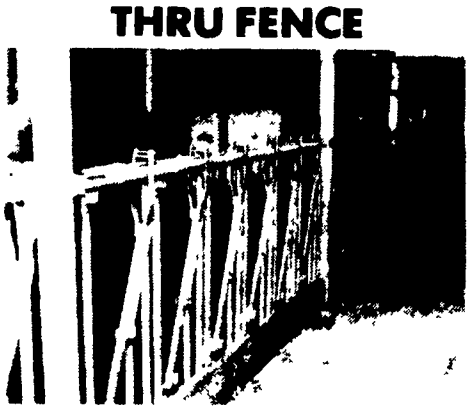

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A6655	116	46	Pioneer 3358	+7.7 Bu.
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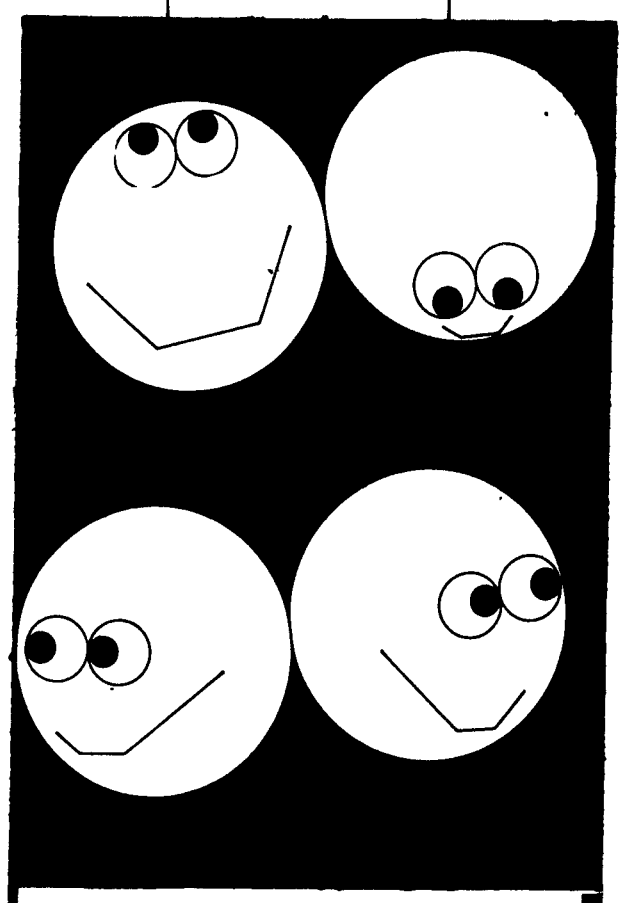

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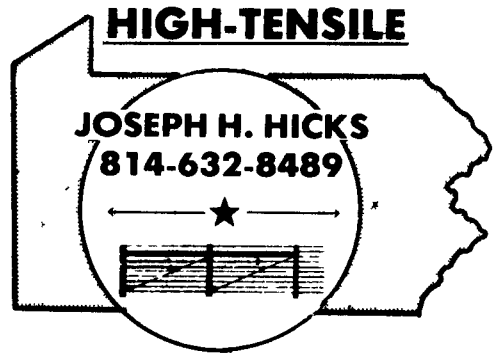

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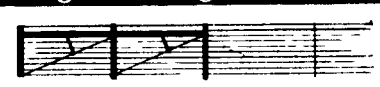

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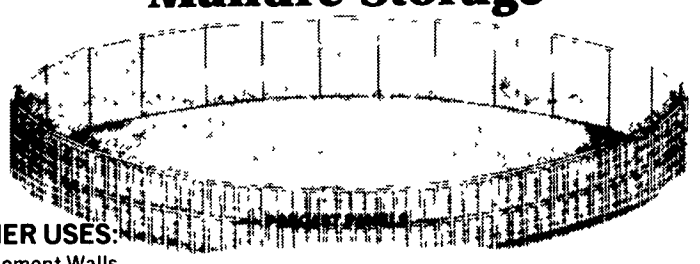

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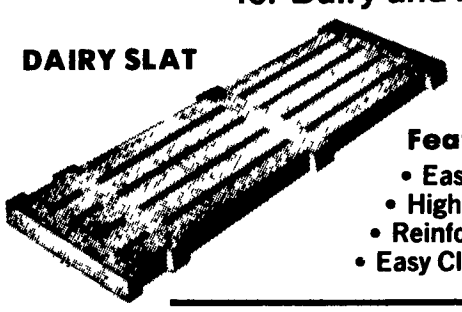
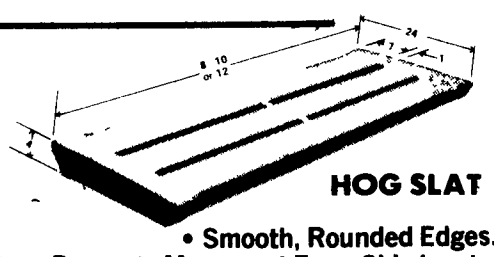


Slats available in gangs of 8, 10, 12 ft. lengths.

Features:
- Easy Installation
- High Strength
- Reinforced Construction
- Easy Cleaning

Features:
- Easy Cleaning
- Center Beam
- Slight Crown.
- Uniform Spacing.
- Easy Installation
- Slats Stay Drier.
- Easy on Animals Feet
- Low Cost- Long Life



HOG SLAT
- Smooth, Rounded Edges.
- Prevents Movement From Side Loads
- High Strength Reinforced Construction

GESTATION TROUGHS AVAILABLE

Also Available:
- Horizontal Silo
- "H" and "J" Type Feed Bunks
- Electric Livestock Waterers

AGRI CONCRETE PRODUCTS

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Don't be caught short this winter! Call now for delivery of bagged, baled or bulk wood shavings & sawdust. A quality bedding material at an economical price.

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Serving Pennsylvania Agriculture

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403 S. Custer Ave.
New Holland, PA 17557
717-354-4174

8 CATTLE

Herd of Grade cows, average 50 lb with 3.8. Pick 50 out of 60. Also, 15 b-heifers, must move by March 1 or can go sooner. 717-354-4376.

Jersey Bull, Reg., 14 months, Sired by Breeds #1 Bull A-Nine Top Brass. $400. Salem Co., NJ. 609-358-8204

LIVESTOCK HANDLING EQUIPMENT BY PALCO: Headgates, squeeze chutes, salt feeders, loading chutes, bale feeders and fork, and hydro scales. SUMMIT SYSTEMS INC. 800-242-3240 or 814-735-3293.

Purebred Angus cows and bred heifers. Will calve in late February or March 215-942-3187

REG HOLSTEIN SERVICE AGE BULLS
All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms, 717-872-4058.

Reg. Bull sired by Arlinda Rotate out of an Astronaut Dam. Grand Dam sired by Elevation. 717-488-6777

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres, 717-792-3216, York County.

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

WANTED-Herd of Cows or bred and open heifers. 301-358-0412.

Wanted: Before 1/1/86, approx. 50 beef brood cows, Clay Peterson, Baltimore Co., MD. 301-329-6288.

Wanted: Entire dairy herd and bred and springing heifers. Highest cash price paid. Reuben Greenberg, Inc., Columbus, N.J. 08022. Ph. 609-298-1021

Will board Heifers, supplying hay, corn silage & grain. $1.25/day/head. Lancaster Co., 717-653-8703.

Wisconsin and Canadian Dairy Cows For Sale: 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022 Phone 609-298-1021 "

For Sale. Reg. Angus Cattle Cows w/calves, calves, bulls. Mr. Angus, Fairfield Hy-Guy, General JJ Patton, Walbridge Govenor breeding. Reasonably priced to sell. Lanc County. 717-285-3023.

For Sale: Springing Holstein Heifers, some fresh Dec. & Jan 717-263-9091

For Sale: Vaccinated Breeding Age Holstein Heifers and Short Bred heifers. 717-295-3137 or 717-394-5573.

For Use: High quality registered Holstein Bull. AI sampled. Chester Co. 215-932-9762.

Grade heifer calf Dam 17,469M 3.6F $95. 717-665-3860

Heifers Boarded, balanced rations, silage, alfalfa & grain. $1.00/day. Juniata. 717-436-9798.

Herd of 42 Registered Holstein cows and 30 heifers, 16,600 RHA. 717-656-6714.

ANGUS: Bulls, cows, calves. Registration & health certificates. Watts Logan Spring Farm, Bellwood, PA 16617-0010. 814-742-8097 or 814-742-8118.

Angus Bulls, ready for service. Also Angus Heifers. Stump Acres. 717-792-3216 York County.

Black Angus Bulls. 11 months old. Not registered. Good stock $350-$400. Widney Farm, Dry Run, Pa 717-349-2489.

Boarding heifers. 75 head capacity in Northern Lanc. Co. $1 per head per day. 717-626-2866.

Bull ready for heavy service. Bell son out of 25,064 2 yr. old Glendell dam, next dam Marvex VG88, 20,891, 3.6, 774. Next dam EX Ivanhoe w/25,080, 4.0, 1015f. Next 2 dams EX w/4.0 test. $1500. Also, 6 mo. old Valiant out of same cow family, $950 717-966-2036.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

FOR SALE: 5 Registered Holstein cows, DHIA records, certified, accredited, $3,250. Adams Co. 717-677-8789.

FOR SALE: Holstein heifers due Dec. Sired by Ford and Sexation. Dams records to 25,000M 844F, bred to 29H3195 717-442-4316

Dairy herd of 50 Holsteins, some red and whites, freshen November thru April. Wayne County, Pa. 717-488-6037

Five Holstein bred heifers, fresh in Feb. & Mar. $450 ea. 302-239-5326.

For Sale: 40 Head of Open Holstein Heifers, 650-850 lbs. 814-848-9753.

For Sale: Fresh Young Guernsey Cow, due again next June. $450. Cumberland County 717-763-1027 evenings

HERD OF 20 HOLSTEIN COWS
15,000 Herd average. Move by Jan. 1, 1986. Also 50 Fresh & Springer Holstein Cows & Heifers to choose from.
717-653-5408

Wanted To Buy
Registered Holstein Heifers, any age.

Write to **Abraham S. King**
139A Colonial Rd.
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or call 717-354-4375

DOWN COW & HORSE REMOVAL
for dog food
Call Wayne Taylor
717-866-6289 or
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Lebanon, Berks, Lancaster & Chester Co.

8 MILKING HOLSTEINS
Proven production, good types, due to calve 1/86 and 2/86. You pick and help price.
Sinking Springs Farms
York, Pa. 717-764-9463

- SALUNGA ACRES -
REG. POLLED HEREFORD CATTLE FOR SALE
1985 bull calves ready for spring breeding. Yearling bulls ready to breed your fall calves. Females & heifer calves suitable for junior projects or herd improvement.
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ATTENTION DAIRYMEN - ALWAYS AVAILABLE
Large selection of high producing registered and grade Holstein first calf heifers and cows
Terms Cash or short term credit Also our very popular lease plan
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FOR SALE

FRESH GRADE HOLSTEIN HEIFERS, FROM 1 TO 40. WILL TRADE FOR SOME HAY

ADAMS COUNTY
LEROY DEPUTY
717-432-3844

8 CATTLE

Big Holstein springers, $800; one Jersey springer, $650. 301-833-1847.

Registered Holstein Heifers, Springers, Short Bred and Open Good Pedigrees.

DANIEL ALBRIGHT
717-789-3157

9 HORSES AND MULES

(2) standardbred horses, 4 & 5 yrs. old. Choose for $600. Jacob Beiler, R.D.1, Box 319, Noble Rd., Kirkwood, Pa. 17536.

All new Windswept Stables complete boarding services, $100 per month. Lessons. Call for details. RD 2, Columbia, Lanc. Co. 717-684-3975.

For Sale: 4 Year old Standardbred trotting mare, traffic safe & sound. Stephen K. Esh, 244 Lynwood Rd., Ronks, Pa. 17572.

For Sale: Break Cart in good restorable condition, probably Moses. $400. Call 215-269-1741.

Ponies For Sale. Phone 717-768-8080.

Team of Clydesdale geldings, broke; also several other Clydesdales for sale. Frederick Co., MD. 301-898-9654.

Merry Christmas
Beautiful Registered Walking Horse Gelding, well broke.

Also Registered Haflinger horses, stallions, mares, yearlings, colts and match pair of Haflinger geldings.

814-445-6358

10 SHEEP AND GOATS

FOR SALE. Karakal sheep. 717-626-2868 after 6 Lanc. Co.

For Sale. 3 Registered Corriedale Rams, good bloodlines. (1) neutered male Nubian Goat, as a pet. 717-632-3605 Jeff.

For Sale: 75 Commercial Suffolk Sheep. Wormed, tagged and bred, nice flock. Price negotiable Adams Co. 717-334-6822

Registered Lincoln Ram, 2 yrs. old and Proven, Best Offer. Call after 5 p.m. 609-478-4524

11 SWINE

WINTER BLUES. Enjoy handspinning/knitting. Classes forming now. Jan. sale estate grown 2 ply knitting worsted and fleeces. Bred ewes Feb. lambing. Romney/Lincoln/Corriedale/Nat. colored. Home of 1985 National Champion Flock. York Co. 717-229-2202

SHEEP FLOCK FOR SALE
300 ewes, Dorsets and Finns and Crosses with 4 Purebred Rams. Half the flock has lambed Sept.-Oct.; half are pregnant for lambing in Jan., Feb. This flock has borne 770 lambs this year! To sell as a unit. Call

201-534-4644

11 SWINE

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, PA. 717-658-6544.

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

Chester White, Duroc and Spotted Service Age Boars. James Parlett, R.D.2, Box 176, Airville, Pa. 17302. 717-862-3610

FOR SALE-Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, R1, Box 221, Strasburg, PA 17579. 717-786-2562.

FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

For Sale: Berkshire, Hampshire, Yorkshire Boars. Service Age. Terry Bennecoff. 215-285-6582.

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

Illinois Feeder Pigs. Hugo Feeder Pig Co., Centralia, IL. All pigs vet inspected from psuedo-rabies free herds. Sold on approval, 30-100 lb. Call Collect, Bob Tindall, 513-462-8797.

Purebred Yorkshire & Spotted Boars, reasonably priced, delivery available. 717-427-8805

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested. Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

FOR SALE: Feeder pigs, 40-50 lbs., 85 cents/ton. 717-733-0575.

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Duroc, Spot, Crossbred Gilts
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Kenneth Ketterer
Phone 717 423 6250

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Boars & Gilts
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Yorkshire - Duroc - Large White
Concentrating on health, soundness and productivity.
21 day weights, back fat, days to 230.
Sow productivity program
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Did you know the versatility of the Tennessee Walker?
America's most versatile show, pleasure and trail ride horse

Visit

Sunny Crest Stables
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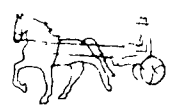


35 to 50 Sharp horses

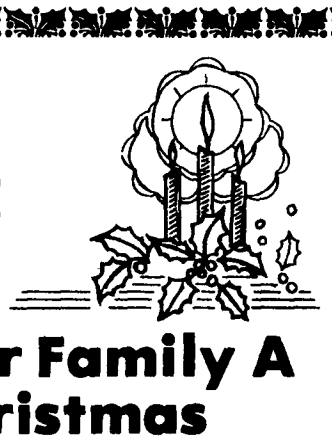
If looking to buy, breed or trade, Call Us!
717-359-9237

Even Santa got a Tenn. Walker this year. He rides with Pride & Comfort and so can you.

Stop by to choose your horse from a large selection.

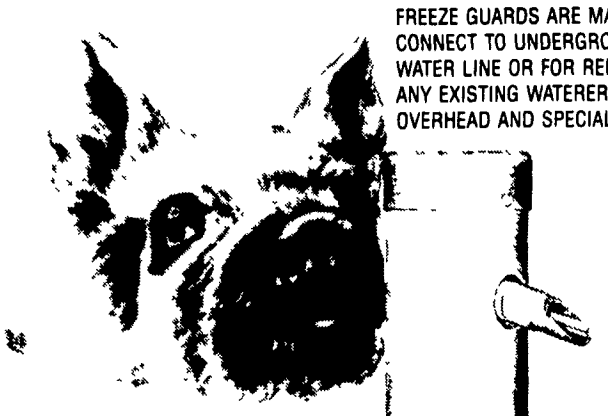
Sunny Crest Stables
111 Kindig Rd.
Littlestown, PA
717-359-9237
Wishing You A Wonderful New Year!

EAST COAST HOG SERVICE Wishes



You and Your Family A Merry Christmas

Sales or Leasing of Hybrid Breeding Stock
717-626-6566



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TYPICAL REPLIES FROM HOG FARMERS:

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"I DIDN'T BELIEVE IT TILL I TRIED THEM"

"BEST WATERER YET"

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SIMPLE DEPENDABLE
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"Mother Herds" of the Mother Breeds
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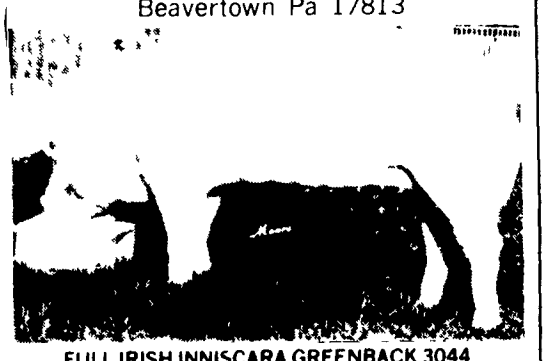


FULL IRISH INNISCARA GREENBACK 3044
This is our kind of mother She is the right kind of mother She is the mother of our $3900 00 top selling bred gilt in our Oct 1978 sale

ANNUAL WINTER SALE

At the farm
FRIDAY, JANUARY 17
1 P.M.
SELLING
200 HEAD
70 BRED GILTS
90 OPEN GILTS
40 SERVICE BOARS
LARGE WHITE-LANDRACE

"THE PIG OF TOMORROW is at OUR PLACE TODAY"

★★★★★★★ FLASH ★★★★★★★

Our Yorkshire Boars Sired by King David won the 1984 Boar test at our test station Penn State University. Top indexing Boar (index of 154) sold for $1550. to the NJ Correctional Industry. We had second top indexing pen of Boars at the NY test station w/the high selling boar over all breeds $675. Selling to John Peters, Schuylersville, NY

We won again in 1985 NY test station.

High indexing and top selling boar sired by Paramount purchased by John Hanson. Berlin, CT, $725. DE test station two high indexing boars sired by Danny (Irish), purchased by Shur-Gain Farm, Maple, Ontario, Canada, $925 and by Gerald Swartley, Waterloo, NY, $850. Our Paramount boar at DE test station sold to Edwards & Edwards, Rich Square, NC, for $975.

These were the three top-selling boars at the DE sale.

YORKSHIRES - LANDRACE - DUROCS

Visit our farms or come to one of our production sales - four each year - Jan , Apr , June and Oct

Healthy Herds
Pseudorabies & Brucellosis
Certified Free

BROOKS END & PAR-KAY FARMS
Park and Reno Thomas and Mark Stehr,
Beavertown, PA 17813
Phone 717-658-6544-Park
5821-Reno 7007-Mark
Auctioneer: Mike Jones, LaGrange, GA
978

1 SWINE

ARNOLD HOG FARMS

52 BOARS DECEMBER & JANUARY SERVICE

Sired by Superior Performing Tested Boars

(Group Lots)

Next Sale Saturday, February 8, 1986

90 Bred Gilts, 40 Boars, 40 Open Gilts

All Animals Vaccinated for Rhinitis, Erysipelas, Lepto & Parvo. Validated Brucellosis & Pseudorabies Free Herds. Producing Superior Performing Seed Stock For Over 30 Years.

PA FARM SHOW

Bred Gilt Entries To Be Sold Jan. 13 & 14

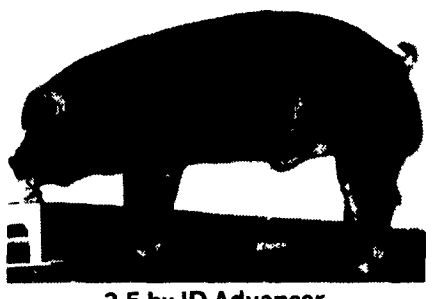
6 Duroc - 9 Landrace - 13 Yorkshire

Due January 29 thru March 7

Yorkshires - Landrace
Leon L. Arnold
R.D. 7, Box 705
Lebanon, PA 17042
717-273-5880

Durocs
Lawrence Arnold
R.D. 1, Box 309
Womelsdorf, PA 19567
717-933-8153

ID Advancer Performs



3-5 by ID Advancer

- Top Indexing and Quality Duroc Boars at both Ohio & Maryland Performance Boar Tests
- High Indexing Boar & Pen at Maryland
- 20 Pounds Lower Feed Efficiency Than Sale Average at Ohio
- Champion & 4th Place Lightweight Carcass at Keystone Livestock Exposition

Ohio Performance Boar Test

Sale: December 21, 1985 1:00 P.M.

Place: Ohio Test Station, Columbus, Ohio

Duroc Pen by ID Advancer

Pig No.	Days to 230	Gain	Feed Eff.	Back Fat	Loin Eye	% Lean Cuts
3-5	137	2.53	225	.75	5.72	63.4
3-6	143	2.50	225	.73	5.27	64.7
3-3	156	2.21	225	.83	5.57	63.2

Maryland Performance Boar Test

Sale: December 30, 1985 1:30 P.M.

Place: Frederick Co. Fair Grounds, Frederick, Md.

Duroc Pen by ID Advancer

Pig No.	Days to 230	Gain	Back Fat	Loin Eye
4-4	143	2.62	.62	5.1
4-1	155	2.27	.70	5.0
6-5	146	2.38	.75	5.4

Yorkshire Pen by ISL Field Marshall

9-1	151	2.30	.64	5.1
9-3	156	2.31	.76	5.4
9-4	153	2.24	.78	5.2

Duroc, Yorkshire, Large White & Landrace Tested Boars and Gilts for sale. Supply for next 4 months. 75 Boars and 250 Gilts

MARK F. NESTLEROTH FAMILY

Dutch Valley Farm
Ph: 717-665-6220

RD #5, Box 428
Manheim, Pa. 17545

TOP QUALITY FEEDER PIGS FOR SALE

REFERENCES FURNISHED

Call Collect

Fred Patterson

MIDDLE TENNESSEE LIVESTOCK CO.

615-364-7050

FARM FRESH KENTUCKY FEEDER PIGS

Delivery Anywhere -
Call For Todays Prices

NEELY FEEDER PIGS

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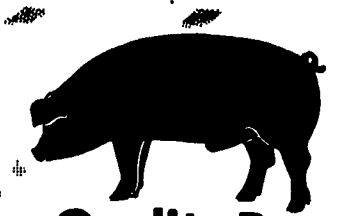
14 POULTRY AND SUPPLIES

Yorkshire & Hampshire Service Age Boars. 25 Crossbred Bred Gilts. Commercially Priced. Validated Pseudorabies Free Herd. Will Deliver.

John Strawbridge
301-941-1122



Top Quality Duroc Boars

Service age, excellent Midwest bloodlines, aggressive breeders.

Rick Pfautz
RD 2, Box P42A
Stevens, PA 17578
717-733-3704

MARYLAND PERFORMANCE BOAR TEST SALE

MONDAY, DECEMBER 30, 1985

1:30 P.M.

at

FREDERICK CO. FAIRGROUNDS
Frederick, Md.

20 Tested Duroc & Yorkshire Boars

Tested Boar consignors:

Mark F. Nestleroth, Manheim, Pa.
Reno & Park Thomas, Beavertown, Pa.
David Holloway, Red Lion, Pa.
Ricky Bauer, Lithicum, MD
Richard Weaver, Hampstead, MD
William Langenfelder, Clarksville, MD

Also, selling a select group of Duroc bred gilts.

For more information contact
Donald Morrison
301-531-3351

13 HOG EQUIPMENT AND SUPPLIES

HOG EQUIPMENT BY PALCO: Auger flush systems, farrowing crates, nursery units, and gestation stalls. SUMMIT SYSTEMS INC. 800-242-3240 or 814-735-3293.

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.

We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.

TRI-COUNTY

PHONE 717-274-3488 LEBANON PA.

BUILDINGS SALES EQUIPMENT

SWINE SYSTEMS

14 POULTRY AND SUPPLIES

HIGH PRESSURE WASHING AND DISINFECTING

- Poultry Houses
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MAYNARD L. BEITZEL

Witmer, PA 17585 717-392-7227

Spraying Since 1961

READ LANCASTER FARMING FOR COMPLETE AND UP-TO-DATE MARKET REPORTS

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Baby chicks brown and white egg layers, Cornish-Giants, turkeys, ducks, geese, guineas, gamebirds. Case Hatchery, Brodbecks, PA 17329. 717-229-2933 or 235-2050.

For Sale: 35C.P.H. Eggomatic packer, good condition, $2000 or B.O. 717-367-2033.

WANTED: Contract to raise pullets in cage house, very good isolated location. 717-662-7888.

WANTED: Female white mute swan, breeding age. 717-656-6801.

Sell direct to us for cash.

- Fowl
- Pigeons
- Bantams
- Pullets
- Capons
- Rabbits
- Guineas
- Chuckers
- Turkeys
- Lambs
- Goats

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215-267-4784

15 FEED AND SEED

NOW BUYING

Ear corn and Shelled corn.

The Egg Basket
Mount Joy, PA
Daytime 717-653-4743
Evenings 717-653-8803

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JACQUES SEEDS

WHOLE COTTON SEED AND PEANUT HULLS

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JACQUES SEEDS

DEALERS WANTED

FOR SALE
Peanut Hulls,
Sawdust & Shavings
Hay & Straw
Bulk - Bagged - Bales

717-529-2855
If no answer 717-529-2204

IF YOU HAVE GRAIN WE BUY
IF YOU NEED GRAIN WE SELL

Shelled Corn, Ear Corn and Soybeans - Barley & Wheat
Drying - Contracting

NELSON L. ROHRER
Lancaster, PA
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Murphy Products Company
Allentown, Pa.
In PA Call
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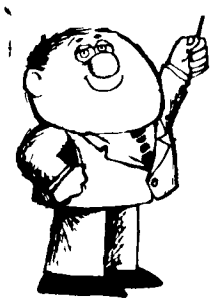

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LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!

Phone:
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or
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I'M NOT LION...

The Classified Livestock Section Has Beastly Selections!

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Ear Corn & Shelled Corn
RONALD S. KEENER
Elizabethtown, Pa.
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PEANUT HULLS
Bags or Bulk -
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2,000 bales 2nd & 3rd cutting alfalfa, $55/ton; 800 bales of straw, $80/ton. 717-548-2561

32% liquid protein, wholesale/retail from manufacturer. Dealer inquiries invited. Call collect, 301-343-0343.

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Dry Shelled Sweet Corn, 10+% protein, good feed, $75 per ton F.O Mitchell & Bro. Inc., Perryman, MD. 301-272-3638 Day, 301-272-2620 Night

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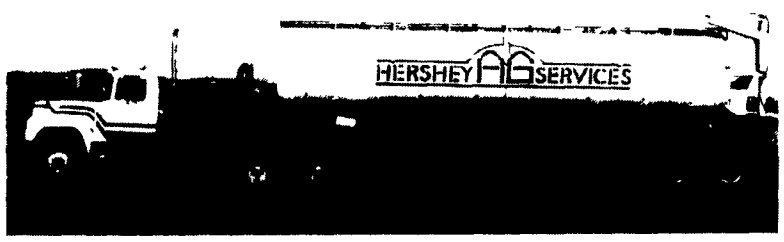

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16 FERTILIZER

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We Also Have Quantity Discounts
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BRADFORD'S HOOF TRIMMING 301-378-4603 or 301-838-5105.

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(Hay, fodder, soybean rind, straw)
Bale size: 5' long x 39" to 72" diameter.
$3 - $6 per bale
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23 HELP WANTED

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PA DAIRY HERD IMPROVEMENT ASSOCIATION
dhia
Pennsylvania Dairy Herd Improvement Association

We are seeking qualified individuals who will be responsible for administration of the DHIA field program in specific geographic areas of the state. Full time position is available immediately.

The position is responsible to train and monitor the work of DHIA Supervisors, advise and counsel local DHIA Associations on conduct of their program, develop and implement programs that benefit DHIA within specific regions, conduct on farm consultations with DHIA members to resolve DHIA related problems, design and conduct one workshops for member dairymen, and be generally responsible for DHIA programs in the field.

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Excellent salary and benefits; auto supplied.

Send resume to Ray Pruss
DHIA Service Center
Orchard Road, University Park, PA 16802
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Man wanted to drive truck and work in feed mill in New Holland area. 717-354-0301.

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Put your herd of 70 cows in my facilities and do no field work. I supply the feed. Harvestore system and house included. Write: Marshall Brooks, P.O. Box 30, Centre Hall, Pa. 16828.

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Sell Animal Health Supplies
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Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
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Animal Medic, Inc.
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2 Gas Stoves, one 10 burner, one 6 burner w/griddle. $450 each. 215-445-4410.

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EFEL Arden; Garrison I; Pennfield; EFEL Ambassador 350; Coalbrookdale Much Wenlock Hydronic
STOVES (New)
EFEL Kamina-50% Off; Shenandoah-25% On Most!
Wood Heat
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27 PETS

4 male, Red Bone Pups, 7 mo. old, wormed & all shots, Registered UKC Must Sell, Health Reasons. 215-385-3489

AKC black/yellow lab. ret. pups. Shots and wormed. Elam B. Stoltzfoos, 91 Hess Rd., Leola, PA 17540.

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in litter lots for resale in my pet shop. Will pick up. Cash paid.
Call
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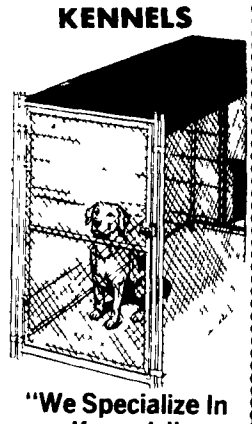

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Singles To Large Complexes
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32 MISCELLANEOUS

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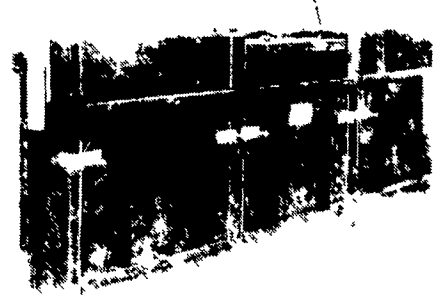

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A baling box machine can be used which puts up tobacco in 22 inch bales that weigh 75 to 80 lbs. These can easily be stacked or stored.

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The use of the three-bin press allows more tabacco to be processed in less time.

For more information and details on these new tobacco press units - Call LANCASTER SILO CO., INC. We have units in stock for sale.

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Must be willing to work alternate weekends. Plus benefits, vacation and profit sharing
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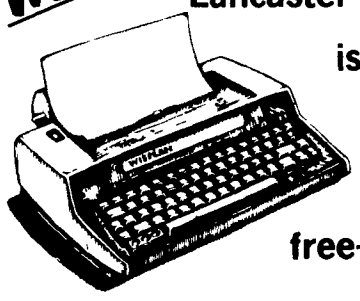
WRITERS!



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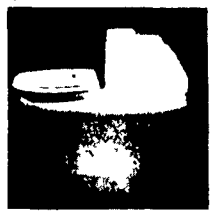

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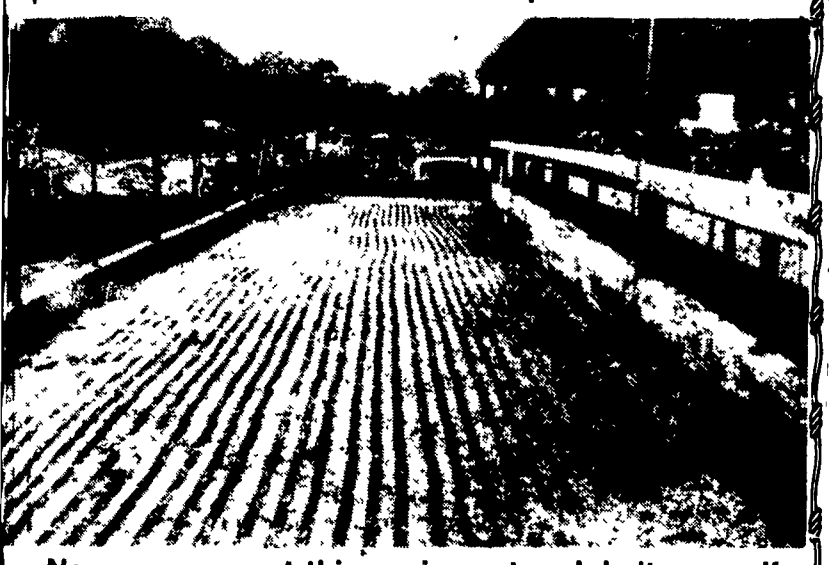

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1981 C-30 Chevy dump truck, 4x4, 4 speed, $9,800; 1984 Hillsboro gooseneck trailer, 16' dump, 3 axle, $5,700. 215-589-5228.

1981 Iveco 14' delivery van, Deutz diesel, 5SP, like new, 17+MPG, $9,900. 717-859-3168.

1983 Ford Ranger, short bed w/cap, 4-spd., A/C, PS, AM-FM cassette, $4900. or make offer. 215-588-7019 between 5 & 6PM.

35 TRUCKS AND TRAILERS

1984 Bonanza Stock Trailer, 18', excellent cond., $3,000. 717-354-6895 eves. after 6.

1980 GMC 7000, cab & chassis, 102" cab to axle, completely rebuilt Detroit 4-53 turbo, 5+2, PS, 900x20 tires, clean truck. Bucks Co., 215-297-8354.

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1984 FORD F250, 2 tone paint, long bed, 8 cyl., PS, PB, locking hubs, 12,000 orig. one owner miles.

1984 FORD BRONCO XLT, 8 cyl., 4 SP overdrive, PS, PB, cruise control, stereo cassette, captains' chair, Goodyear Wranglers on white spoked wheels.

1984 CHEVROLET SUBURBANS Choice of 2. Red/Silver, Brown/Tan. Both fully equipped and exceptionally maintained by previous owner

1984 FORD F150, 8 cyl , 4 SP Trans , 8 cyl engine, 2 tone black & silver paint w/red interior, diamond plate running board and step bumper, lock out hubs, only 32,000 mls

1984 CHEVROLET C10 Scottsdale, chrome bed, royal blue paint w/light blue interior, stereo, 8 cyl., 4 SP, cargo rails, white spoked wheels w/raised letter tires

1984 FORD F150 XLT, short bed, brown and tan 2 tone, 8 cyl., auto., running board, dual tank, 33x12.5 radial white letter tires on chrome wheels w/locking hub, chrome roll bar and light complete this unique package.

1983 JEEP WAGONEERS. Two to choose from. 1 limited and 1 standard, both 8 cyl., auto., and loaded w/equipment in exceptional cond.

1982 FORD F250 all white, 8 cyl., auto, PS, PB, rear step bumper, lockout hubs, extra nice, snow or work ready

1981 FORD F350, 8 cyl. auto., PS, PB, 2 tone red & white, running board, stereo, step bumper, 9.50x16.5LT snow tires, must see

1979 FORD BRONCO, RANGER XLT, maroon w/accent stripe, 8 cyl., auto., PS, PB, stereo w/cassette, bucket seats, white spoked wheels, exceptional.

1979 DODGE 150 Power Wagon w/Prospector Package, Brown w/contrasting saddle interior, 8 cyl., auto., PS, PB, air conditioning, cabover camper cap, trailer package equipped.

1979 JEEP CJ5, 6 cyl., 4 SP, new soft top, PS, PB, Myers 7' snow plow, new clutch, reconditioned to highest standards.

GMC SIERRA CLASSIC 15, 2 tone paint, silver over black, short bed, grey bucket seats w/console, stereo, 8 cyl , PS, PB, new 10/15 LC snows on chrome spoked wheels.

1978 JEEP WAGONEER, red paint w/black vinyl interior, 8 cyl., auto, PS, PB, air, stereo, exceptionally rust free car

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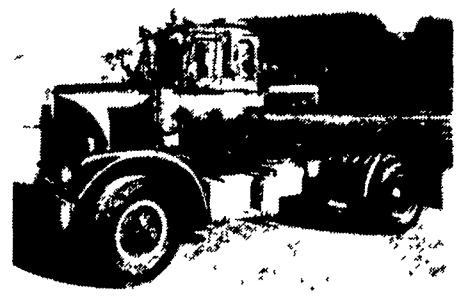

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1978 LN 7000, 175 Cat., 5+2 Speed, Power Steering, 20 Ft. Van Body
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1984 E250 Ford Club Wagon, 6.9 Diesel, Auto. Steering, Brakes, PS, PB, Air Conditioning, Loader, 4 Captains Chairs and Bench Seat
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35 TRUCKS AND TRAILERS

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'77 Dodge 600, 318 w/4 spd., 17' rebuilt cattle bed. $7,500. 8 a.m. to 5 p.m. 215-932-2408

'79 International 21,000 gross, 345, V8, 4SP, w/2SP, 15' flatbed w/alum. deck, 25,000 orig. miles, orig. owner, VG MPG, excel. cond. Eves. 215-383-5545.

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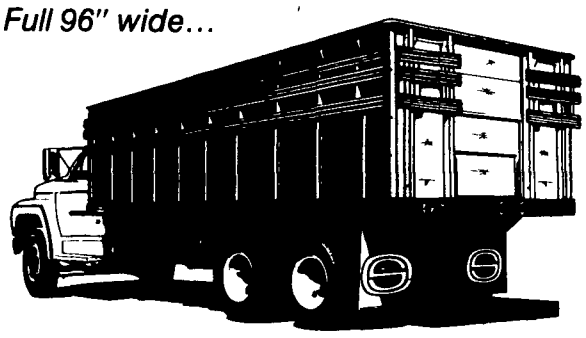

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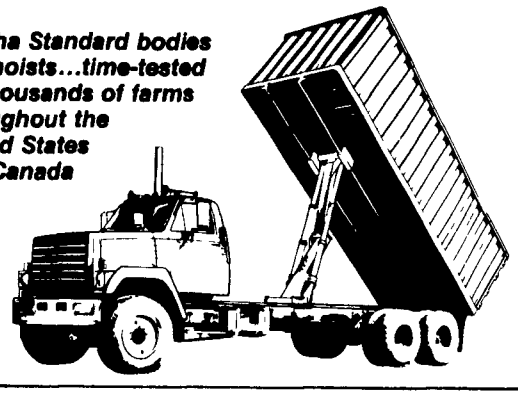

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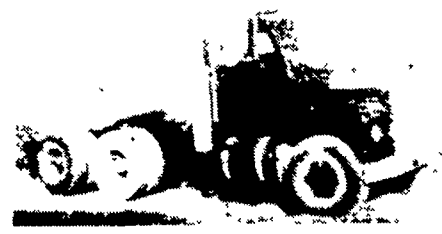

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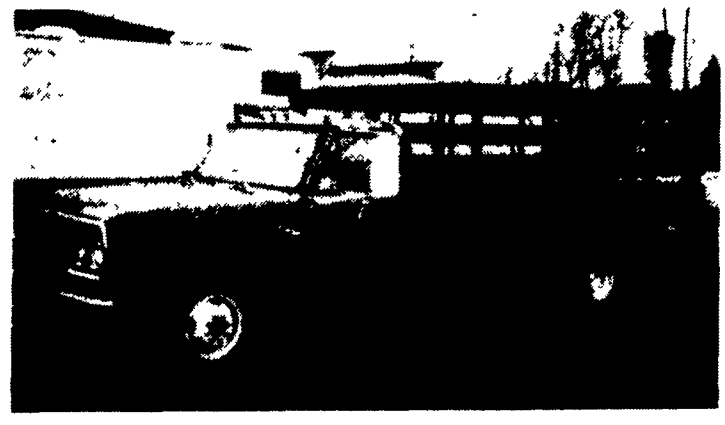

1978 Dodge D300 Custom Stake Body Truck; 12 foot bed, Equipped with V-8 engine; 4 speed manual transmission; Dual rear wheels; Extra capacity fuel tank; Power steering; Power disc brakes; Heavy Duty Equipment; Strong steel stake body with side and rear entry; Driven only 37,000 miles! Ready to go to work for only

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1976 Int. 1600, 4x4, 345 engine, PS. 301-836-2676.

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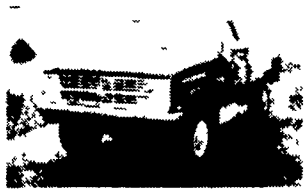
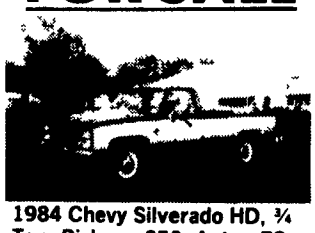


1984 Chevy HD ¾ ton 4 Wheel Drive Pickup 350, 4 Speed PS, PB, Air, AM/FM, Dual Tanks, 8600 GVW, Reg. Gas. 26,000 Miles. $10,700

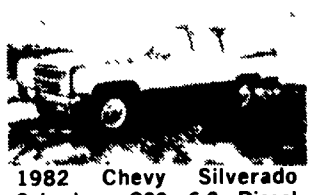


1984 Chevy Silverado HD, ¾ Ton Pickup, 350 Auto, PS, PB, PW. PDL. Cruise, AM/FM, Dual Tanks, 8600 GVW, Reg. Gas., Ex. Cond. $9,950

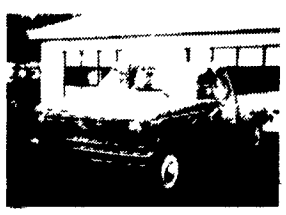
1981 GMC Sierra Grande ½-Ton 4-Wheel Drive Pickup, 6 Cyl., Hd 4 Speed PS, PB, AM/FM 45,000 Miles $5,900

1983 Chevy Scottsdale ½ Ton 4-Wheel Drive Pickup 305 Auto, PS, PB, AM, FM, Ex Cond $7,600

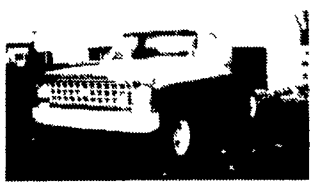
1984 Ford F150 Super Cab Pickup, 302 Auto, PS, PB, 6250 GVW, 9,000 Miles, Like New $9,450



1982 Chevy Silverado Suburban C20 6.2 Diesel Auto, PS, PB, PDL, Dual Air, Cruise, Tilt Wheel, AM/FM Trailering Package, 8600 GVW $7,600



1982 Ford Custom F250, Super Cab Pickup, 351 4Spd, PS, PB, AM-FM, 8,900 GVW, Reg. Gas, 46,000 Miles. $6,950



1980 Chevy C30 4-Wheel Drive, With Koenig Utility Body, 350 4 Speed, PS, PB, AM/FM, 9,200 GVW $6,950

'82 Chevy C10 ½ ton, 4WD pickup, 6 cyl auto, PS, PB, dual tanks, 6100 GVW, 50,000 miles $5,950

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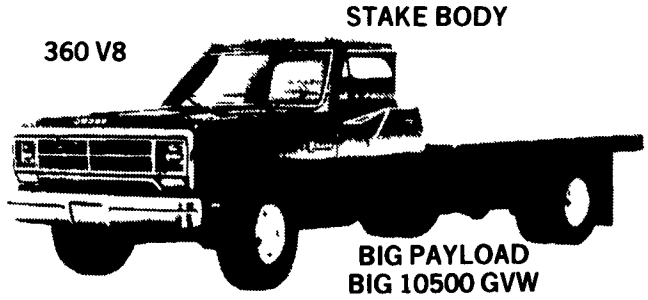

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For Rent: 28-Acre Farm, two bedroom house, bank barn, corncrib, 10 acre fenced pasture, 15 tillable. Southern York Co., 717-382-4763.

For Rent: 5 bedroom farmhouse in Mt. Aetna, new paint, carpeting, furnace etc., garden, large yard, country setting. Children ok, pets not allowed inside, references required. 1 month security deposit. Must be clean, responsible, family, $450. per month plus utilities. 717-866-2137. 8-5 only

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Large dairy farm for lease. Garrett Co., MD Call 6-7AM or eves., 301-277-1477

Livestock hog farm, 190A., 150 tillable, 24'x80' farrowing house, large barn, 2½ story house. Franklin Co 717-532-7987.

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64 ACRE OPERATING DAIRY, all pasture, very good barn for 64 head w/new 2" pipeline, 735 gal. tank, cleaner, 2 silos w/unloaders, very good house w/apt. $90,000.
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36 REAL ESTATE

FARM FOR SALE
107 acres, 8 room log house w/bath, 40x80 round roof barn, recently built hog finishing barn, mix mill, grain storage bin & dryer, located on paved road. Lebanon County.
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SOUTHERN MINNESOTA FARM
Livestock and Cash Grain. Many selling below market. We also represent buyers. Write or call for details.
Fairbo Realty
Bill Sharkey
PO Box 836
Fairbault, Minn. 55021
507-334-2081

FRANKLIN COUNTY
180 acre dairy farm, 42 stanchions, pipeline milkers, cow barn, brick home, nice set back from road.
KOONS REAL ESTATE
717-597-8300

WANTED TO PURCHASE
By qualified Buyer
Gentleman's Farm or Farmette.
30 to 100 acres, old house ok, but must be completely renovated and MODERN. Brokers protected. Berks, Lancaster, Lebanon & York Counties. Please submit to:
P.O. Box 880
Newmanstown, PA 17073

FOR SALE POTTER CO. FARM
245A Dairy or Beef, 150A T, free stall w/milking parlor. Owner Financing Available.
POTTER CO. LOTS
3, 15, 18A
Owner Financing
814-848-9814
After 6 p m

FARMHOUSE FOR RENT WITH OPTION TO BUY
$225/month. Barn & outbuildings, 170 acres available to rent also. All with option to buy, very attractive price. Northern Potter Co. Mills area.
717-726-3707
814-383-2631

FOR RENT
40 acre farm, North of Manheim, Elizabethtown Rd., w/barn and silo
717-299-4024
or
717-394-2902

NEAR PENN YAN - THE BEST BUY ON EARTH, IS EARTH Breathtaking 550 continuous acre farm above Keuka Lake, New York 330 tillable, and lots of woods This farm includes 3 houses, 4 ponds, several barns with silos, and can be divided Large veal set up in place Former dairy operation Owner financing available For more information call
Century 21
Four Seasons
Penn Yan
315-536-7456

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

- WANTED -
FRUIT FARM
50 Acres & up. Cherries, peaches & apples.
Reply to
P.O. Box 4298
Reading, Pa. 19606

TWO EXCEPTIONAL FARMS

1. 60 Ac. Dairy, Lebanon Co. Remodeled brick house. Updated dairy barn and outbuildings, immaculate.

2. 108 Ac. Dairy, Oley Valley, Berks Co. Stone colonial house, modern dairy with 76 tie stalls, 3 silos, limestone soil.

Call 717-529-2678
MOSEMANN, REALTOR
717-859-1004

To all we wish peace, brotherhood and love at Christmas

Glory to God in the highest glory He gave us all these through Jesus

Greetings

Henry Gehman
ERA
Hop Usner & Assoc.
814 Dawn Ave
Ephrata, PA 17522
Office: 717-738-2005
Home: 215-445-6653

WOODED & OPEN ACREAGE
50 acres, $49,000 88 acres, $79,000. West of Pine Grove, I-81, Rt. 443.
Lots of Deer & Wildlife
717-865-4534

NEAR UPSTATE N.Y. FARM
141 Acre working farm with equipment, all in extremely neat condition. $10,000 Alfalfa crop, ideal for livestock or trees. 12 Minutes from Schenectady, N.Y. and near Schoharie Valley. Agricultural tax exemption. Swedish Hasa, heats for free with farm wood, beautifully maintained 5 bedroom house, room for apartments. Lovely view. Offered by Licensed Salesperson Sarah Bishop,
518-370-8746
for McNAMARA REALTY

12 ACRE FARMETTE
Centre Co.
House, barn, work shop, garage, 28x40 pole shed, all buildings new within last 4 years, very well insulated, thermo pane Anderson windows in house, gravity flow spring water, farmland pasture woodland, beautiful view of Brush Valley. The farm with almost everything.
Sale by owner with sealed bids. All bids must be in by Jan. 4. Owner reserves right to reject any or all bids. Contact: Menno Stoltzfus, Box 206, R.D. 1, Loganton, Pa. 17747.

Holiday Greetings

As the festivities get under way, it is our pleasure to say, "Thanks for the goodwill you have shown us." Merry Christmas.

WIMPLE ASSOCIATES

Farm and Rural Property Specialists
M S Homestead Realty

AWARD WINNING FAMILY DAIRY
Beautiful true Colonial home & excellent 42 cow barn, 2" pipeline 2 silos, & 2 large storage buildings. 127 acres, nearly all tillable, level land, 2 ponds. Super neat and clean. Asking $175,000. Super registered herd of Jerseys and spotless line of machinery available.

MOHAWK VALLEY FARM
SELLING ON CONTRACT!
300 acres, 190 tillable, large fields. 52 stanchion barn with new 2" pipeline, 1000 gal tank, large heifer facility, self feeding system. 20x45 & 30x50 silos. Good 4 bedroom home. Unlimited potential here. $155,000. Let's talk terms

M S Homestead Realty
Auriesville Road RD 1
Fultonville, N.Y. 12072
518-922-6301
518-922-8899

AWARD WINNING FAMILY DAIRY
Beautiful true Colonial home and excellent 42 cow barn, 2" pipeline, 2 silos and 2 large storage buildings. 127 acres, nearly all tillable level land, 2 ponds. Everything you would look for in a smaller family farm. Owners are meticulous in every phase of their operation. **$175,000.** Super Registered herd of Jerseys and Spotless Line of Machinery available. This type of operation rarely comes on the market!

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Auriesville Road
R.D. 1, Fultonville, NY 12072
518-922-6301
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Over 200 Farms Available

"Happy Holiday To All"
PENNA FARMS

FRANKLIN CO.

100 acre dairy limestone soil 9 stall milking barn DeLaval glass pipeline milkers Mueller tank lounge area for cattle trench silo road frontage NO DWELLING Shippensburg area

CUMBERLAND CO.

186 acre general farm, 150 acres crop land mostly level to rolling productive murrill & duffield soil large bank barn wire cribs metal grain storage w/fan silo DWELLING is in need of repair Frontage along SOLD Breeches Creek & approximately 8 000 feet along 2 township roads Located SW of Carlisle

137 acre dairy, 52 stalls w/pipeline milkers bulk tank silo heifer barn limestone soil road frontage 4 BR dwelling 58 additional acres avail

82 acre beef and hog farm, Murrill soil all tillable one floor bank barn implement storage 4 BR dwelling w/attached garage road frontage excellent building potential

Charles Wenger, GRI 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W High St, Carlisle, Pa.
Ph. (717) 243-6195

new pennsylvania realty, inc.
Gary Coles, Farm Broker & Appraiser
717 386 5000 or 215 398 2559
Box 123 Route One New Ringgold PA 17960

"For unto you is born this day in the city of David, a Saviour, which is Christ the Lord.

And this shall be a sign unto you; Ye shall find the babe wrapped in swaddling clothes, lying in a manger.

And suddenly there was with the angel a multitude of the heavenly host praising God, and saying, 'Glory to God in the highest, and on earth peace, good will toward men.' "

Luke 2:11-14

CUMBERLAND COUNTY FARMS

327 A. Farm in the heart of Cumberland Valley South of Carlisle, Pa. Highly productive Limestone Soil. All Brick buildings including Large Colonial Brick House dating back to 1860. Farm includes Grain drying and storage for 32000 bushels.

147 A. Farm with 2 Houses. Main House is a lovely 3 story Stone House, 1850 vintage, well restored and preserved. Second house comparatively new Ranch House. Could be used for tenant house or a rental unit. Very private setting with back acreage fronting on a busy macadam road. Great potential.

116 Ac. Farm - One of the Historic McCormick Farms. Must be sold with "Agriculture Restrictions" making it eligible for a sizable tax credit for the new owner. Public Water. Generous Owner financing available.

99 Acres - Newville Area - $130,000. 2 story house, 36x60 Bank Barn, Silo, Milk House, etc. Ideal for Dairy farm, Sheep, Horses. High Elevation along the Condoguinet Creek (2000 ft. frontage)

Call us for other farm listings as well as Commercial and Industrial acreage in the Cumberland County area.

Ask for Harvey Sunday or Carol Lorence

REALTOR®
Jack Gaughen REALTOR
1068 Harrisburg Pike
Carlisle, PA 17013
Ph. 717-243-8080

MOUNTAIN VIEW

12 acres, two 3 BR trailers w/some outbuildings. Located near Newmanstown. Less than ½ mi. to Wildlife Management, "Project 70." Reduced to $51,500. Financing Available.

C.J. Nyman Real Estate
717-393-2545
or
717-949-3879
Today

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FARM DIVISION
(717)867-5221

PENNA. FARMS FOR SALE
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Realtor Auctioneer
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Lee Reddinger
717-949-2243
Victoria Swayne
717-665-6196
Francis Ulishney
717-272-2989
June Ebersole
717-867-2771

Write or call for Descriptive Brochure of Farms for Sale
30 West Main St.
Annville, PA 17003

---

170 Acre Farm offers excellent owner financing, 2 story brick home features 4 BR and 1½ baths, 162 farm acres are tillable, garage, workshop, barn and silo complete the picture of today's working farm. Call for more information.

HOFFER & ASSOCIATES, INC.
Ephrata Branch
9 West Main Street
Ephrata, Pennsylvania 17522
(717) 738-4261

Century 21

ST. LAWRENCE VALLEY
Dairy Farms Stocked & Equipped or Bare, Homesteads, Vacant Land, Waterfront Property, Businesses.
Write or Call.

FOURNIER REAL ESTATE
13 South Gordon St.
Gouverneur, N.Y. 13642
315-287-4065
Lillian Hamilton
Broker - Owner

MERRY CHRISTMAS!

Joyous tidings, one and all.

FARM & HOME REAL ESTATE
East Petersburg, PA
717-291-2270

Sylvester Baum
Carlisle
717-776-3967

Harlan Keener
Willow Street
717-464-2669

Broker - J Irvin Denlinger
717-898-8962

WISHING A
Merry Christmas
TO ALL . . .

FROM YOUR FARM AGENTS AT

RICH BRANDT REALTORS
2230 5th St Highway, Reading, PA 19605
(717) 274-3622 — OFFICE — (215) 378-1122

PRIVATE 17 ACRE COUNTRY ESTATE

York County - Lewisberry, Pa.

Ideal for horse and animal lovers. Spacious, unspoiled STONE house with 3 bedrooms, 2 baths, wood floors, large stone fireplace. Bank barn with utilities; new garage. Property is partially wooded. Balance of land is beautiful meadow land with stream. Call for an appointment. $200,000.

Vernon E. Anderson
Real Estate
717-432-9745

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new pennsylvania realty, inc.
717-386-5000

BERKS COUNTY FARMS

Excellent dairy w/60 stalls, pipeline, bulk tank, 3 silos Don't Miss This Opportunity. This is a good working farm Priced to Sell

HOGS

Farrow to finishing w/112 acres, all in one continuous tract w/approx. 5,000' of road frontage, excellent location, Myerstown area. Must Be Sold

CALL CARL JOHNSON - 215-367-6160

LANCASTER COUNTY

JUST REDUCED - this working horse farm with super set-up for training, layups & brood mare operation Post & rail paddocks, turn-out sheds, 18 stall barn, tack room, wash stalls, 4 BR home located on 24 acres Now priced at $295,000 Call 717/786-2131

CHESTER COUNTY

199 ACRE HORSE FARM with facilities to board 200+ horses, race track, turnouts, foaling & breeding operation, training operation with ½ mile track 1½ mile road frontage gives entrance off of 2 roads 3 ponds 22 paddocks Call 717/786 2131 for other details on this exclusive farm

Century 21®

EMORY D. WAGNER CO., REALTORS

FARMS FOR SALE

PINE GROVE - SCHUYLKILL COUNTY

95 acres m/l Super farmhouse in Excellent condition 2 full baths 4 bedrooms large family room with stone fireplace roof 4 yrs old new heating system 85 pretty country kitchen and dining room Large stocked pond oversize two car garage and shop bank barn and corrall Perfect Gentleman s Farm Offered at $180 000

LEBANON COUNTY

158 acre m/l farm in Lebanon County presently set up as a layer operation 3 bedroom brick farmhouse with slate roof woodburner bank barn with slate roof 400 ft poultry building set up for 48 000 birds equip approx 5 yrs old Building could be converted to hog operation auto ventilation liquid manure system pit scrapers etc 3 wells 2x21 ton feed bins more call Slim for info offered at $250 000

LAND FOR SALE

HUNTERS PARADISE

50 acres m/l of the prettiest hunting hiking and camping ground you ll ever want to see Located in southern Sch County just west of Friedensburg Mostly hardwood and good thick deer cover it is a genuine pleasure just to walk thru the trails of this lush green forest located top of the mountain Private and secluded Will not last at only $25,000

ORWIGSBURG

13 9 acres of land part cleared part wooded in one of the prettiest sections of the county located just outside of Orwigsburg Substantial blacktop road frontage Must be seen Offered at $37 500 Excellent areas Call today

BARNESVILLE

40 acres some tillable blacktop road frontage nice piece of property Offered at $68 000
For more information or help in selling your farm or rural property call

Call Slim Brossman
Farm & Land Specialist
PENNSYLVANIA FARM REALTY
Toll Free 1-800-831-2244
Residence (717) 754-7343

Southern Huntingdon Co.

Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property Many other extras $285,000

Colonial Real Estate Agency
814-447-5511

Steuben County - Working dairy farm Owner retiring 3 Barns, silos, bunk feeder 4 miles to milk plant 4 Bedroom home. appliances. Owner will hold mortgage Only $250,000

340 Acres - Beef, sheep, or horses. 32x96 Barn, 3 bedroom house, 5 acre pond. 10 minutes from Corning, New York. Owner terms. 20% down, 11% interest for 20 years.

380 Acres- Top dairy, 100 free stalls, pipeline, bunk feeder, 3 silos, grain dryer, sugar bush. Newer 4 bedroom ranch home. Only 4 miles from milkplant. Owner finance Start milking day of closing.

367 Acres - Potato farm. Storage, grain dryer & bins 5 Bedroom home Owner terms $295,000

217 Acres - Elmira, New York Beef farm, 5 strand fenced pasture. 35x60 and 30x80 barns. 4 bedroom home. Seeded to alfalfa-timothy mix. Includes equipment. Possible owner terms. $160,000.

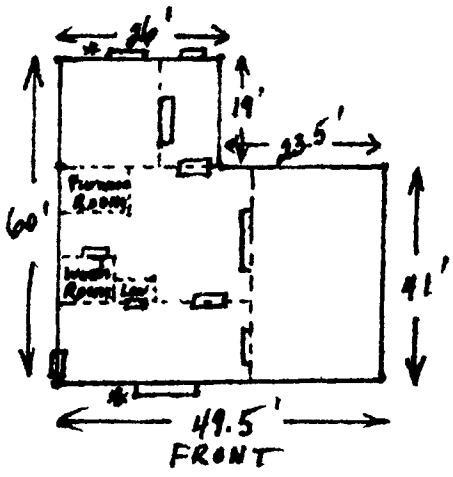
FOR MORE INFORMATION ABOUT THESE AND ANY OF OUR OTHER FARM LISTINGS, PLEASE CALL ONE OF OUR QUALIFIED FARM EXPERTS TODAY.

Century 21

THE LANE AGENCY
Rt. 54, Box 181-A
Bath, NY 14810
(607) 776-7682

MODERN MULTI-PURPOSE BUILDING FOR SALE
(Formerly Used as a Butcher Shop)

Located near Dry Run, Franklin County, Pennsylvania (approximately 8 miles from Willow Hill Interchange of the Pennsylvania Turnpike).



A 6.46-acre tract of land with 540 feet of frontage and easy access to the Pennsylvania Turnpike via Route 75. This 6.46-acre tract of land is improved with a 50'x60' modern building (floor plan diagramed above), a 4-bedroom frame dwelling, 2 hog finishing houses (40'x80' and 40'x60'), various other out-buildings, 2 wells, a 2,500-bushel Circle bin, a 10,000-bushel Reed bin, an 18-ton Broch bin, a 12-ton Broch bin, a 10-ton Broch bin, four 16-ton Circle bins and a bucket elevator.

PRICE REDUCED - ASKING $75,000 - CONSIDERING ALL OFFERS!

Will sell bins and/or the 50'x60' modern building separately.

Must see this property to appreciate it.

For additional information, contact *Valley Bank and Trust Company, P.O. Box 459, Chambersburg, PA 17201,* Attention: Mike John or call (717) 263-2265, extension 323 or 254.

DAIRY FARM
202 Acres

Cumberland County - Walnut Bottom (near Carlisle)

185 tillable acres level, rock free, fertile soil - two story barn with 65 - 75 milk cow capacity. 16x30 heifer barn, 40x80 loafing barn, 2 silos (20x60 & 24x70) with unloaders, 5 bay implement shed, pipeline milker, milk house with 800 gal. bulk tank, new 400 amp service, automatic bunk feeders (100' long), 2 ponds and good well. Dairy market available. Extensive hard ad frontage bisects farm. Two dwellings beautiful 12 room two story and modern 9 room rancher. Unusually attractive terms available. $410,000. Call Gale Bear at 717-258-6821 or write to 19 N Baltimore Street, Dillsburg, Pa. 17019

Vernon E. Anderson
Real Estate
717-432-9745

BEAUTIFUL FINGER LAKES AREA

550 + AC. DAIRY FARM, NEAR FINGER LAKES, 410 Ac cropland, 15 ac grapes, 160 ac pasture & forest, 4 ponds, 99 freestall barn w/walkthru milking parlor, 1,000 gal bulk tank, heifer/dry cow barn, tool shed, shop, other outbldgs, 3 silos w/feed meter box, early 1900 10 rm, 6 bd rm home, 3 baths, fireplace $300,000. **Excellent terms avail.** #2164

NEAR ADDISON - 600 ACRE DAIRY, over 400 ac, til, balance rotating pasture & forest, ponds, stream, 100 freestall barn plus 30 cow tie barn, machine barns, assorted outbldgs, 2 silos, Slurrystore system, 3 homes, garage **$253,000. Terms Available.** #2059

NEAR DUNDEE 270 ac, 185 ac til, 85 ac wooded, pond, stream, 92 cow tie barn, pipeline milkers, 2 - 800 gal bulk tanks, 2 silos w/unloaders, pit silo, loafing barn, calf barn, workshop w/19' doors, hay barn 4 bd rm home, extra mobile home hookup $250,000 #2384 **Additional 400 acre adjoining farm available.**

SOUTHERN TIER 320 AC. DAIRY - 150 ac, til, 140 ac mixed forest, ponds, 46 stanchion barn, newer metal pole barn w/doors large enough to accommodate tall machinery, horse barn, newer 3 bd rm raised ranch w/2 5 baths, att 2 car garage **Reduced to $85,000** #2378

NEAR FINGER LAKES - 200 ACRE GEN FARM - 150 ac til, 20 ac wooded, fenced pasture, springs, stream, 3 drilled wells, 75x60 35 stanchion barn, milk house, 400 gal bulk tank, gutter cleaner, corn crib, conc silo w/unloader 2 story heifer barn w/water & elec, Early American 9 rm 5 bd rm home newer elect Newer siding & hot water tank, machinery avail, excellent beef sheep, horse farm Call for private showing $175,000 **Excellent Owner Terms. Additional land avail. for lease.** #2404

BATH AREA - 25 AC. RETIREMENT OR HOBBY FARM - 20 ac wooded, stream, 16x20 barn, 20x24 shed, 2 bd rm ranch home w/lovely sun deck, fully insulated, 2 car garage w/insulated room for liv quarters, $39,900 #2412

MANY OTHER HOBBY FARMS AVAIL.

BUSINESS OPPORTUNITIES

OFF SOUTHERN TIER EXPRESSWAY - HIGH DENSITY AREA - Racquet ball, health spa, saunas, exercise/workout rm, showers, lockers, office, lounge, liv quarters Equipped Excellent owner terms #2214

LAKE REGION - LONG ESTABLISHED EQUIPPED GROCERY STORE - 3200 sq ft bldg, carriage barn for storage & garage, large parking area, liv quarters 3 acres $64,900 plus inventory #2346

HUNTING LANDS NEAR OR ADJACENT TO STATE LANDS AVAILABLE!

MAKITRA
REAL ESTATE, INC.
4 West Steuben St.
Bath, N.Y. 14810
(607) 776-2468
After Hours: (607) 776-2386

WATERFRONT
Fishing & Boating

Two BR two bath house, two BR one bath guest house, furnished and rented for $300/month. Halfmoon driveway, furit trees, sprinkler system, tool shed in a lovely subdivision, marina and private beach and club house.
Only 18 minutes to Ocala, FL.
Reduced, only $59,850
904-236-2226 After 6 PM

FARMS FOR SALE

* **New Listing - Lycoming Co.**, 88 Acre Dairy, near Allenwood Remodeled to Dairy five years ago 4 bedroom, bath, kit, DR, LR, plus a tenant house 40 Stalls, 600 gal bulk milk tank, 14x60 silo, 2 car garage & shop 24x28 Nice level land, close to State Game Lands Beautiful view of Bald Eagle Mountain

* **New Listing - Berks Co.** near Oley 109 Acre Dairy Farm, 75 free stalls, pipeline, gutter cleaner, silos and other buildings, stream and meadow, limestone soil, 2½ story stone house, lg sit in kitchen, lg D room, L room with fireplace, 3 bedrooms, ½ bath and shower

* **Chester Co. S. of Oxford 39 acre** (Former) dairy, barn, 40x85, milkhouse, silo, 2½ story dwelling, 3 BR w/conveniences, oil & wood furnace, 2 fireplaces

* **60 Acre Modern Dairy,** Lebanon Co Northeast of Lebanon Frame bank barn attached, like new, dairy barn, 44 tie stalls, 2 inch pipeline, gutter cleaner, stream & pond in meadow Large bulk milk tank Colonial brick dwelling, like new condition, 4 BRs, 1½ bath, 2 silos, 10x40 corn barn, attached shed, heifer barn

* **Chester Co. Farmette.** 3 Bedroom brick dwelling, bank barn

* **90 Acres Lancaster Co.** near Little Britain Bank barn, no dwelling

* **New Listing - Cumberland Co.** 120 A Dairy near Shippensburg, 4 bedroom Limestone dwelling Large comb kit & DR, LR, hot water oil furnace, new bank barn w/new attached dairy, 51 tie stalls, silo 10x40 & 12x40, heifer pens, 525 gal bulk milk tank Plus tenant house, 3 bedrooms & bath, hot air oil heat High producing limestone & gravel soil Financing to qualified buyer Reduced $249,500

* **New Listing - 95 Acre General Farm, Berks Co.** Colonial stone dwelling & large bank barn Owner financing to qualified buyer SOLD

Call James Marsh about the above properties
717-529-2678

* **209 Acres in Perry Co.** with modern 4 BR dwelling 119 acres wooded

* **178 Acre Dairy, Perry Co.** 166 acre tillable, 4 bedroom brick dwelling with modern conveniences 31 Stanchion

* **100 Acre Woodland, Perry Co.**

Call Marlin Kreider about the above properties
717-627-8244

General Farm

* **70 Acres - Sold**

* **101 Acre Dairy, Cumberland Co.** near Boiling Springs, large 4 bedroom farm house High producing limestone soil, city water & sewerage available

* **New Listing - Cumberland Co.** 60 A General farm north of Shippensburg 4 Bedroom & bath log & frame house, oil hot air heat, 40x36 barn, attached shed 12x24 40 Acres tillable, most of balance wooded

* **Over 250 Acre Dairy Farm** with two sets of buildings, some woodland & meadows Can be bought as farm or country estate Located NE of Hershey

* **188 Acre General Farm** with over one mile road frontage, city water, large, beautiful, 4 BR dwelling, large bank barn with new roof, 2 mis E of Shippensburg

* **120 Acre Dairy, Union Co.** 2½ story frame house, conveniences, coal stoker, 52 tie stalls (milking room with 10 tie stalls and pipeline) storage shed, calves shed

* **4 Acre Industrial.** Just off new Rt 222 near the turnpike

* **3 Acres Commercial** on Rt 501 near Rt 76 in Bethel Just off 4 lane exit

* **New Listing** - 1+ Acres commercial, north of Ephrata along Rte 322

* **162 Acre Dairy in Franklin County,** 130 free stalls 3 Harvestores 5 concrete silos calf pen heifer barn dry cow barn implement shed (2) separate dwellings tillable soil 138 acres pasture 20 acres stream in meadow

Other farms in many counties available

CHRISTIAN M. MOSEMANN
Real Estate Broker
734 Main St., Akron, PA 17501
Phone: 717-859-1004
24 Hour Service
James L. Marsh, 717-529-2678
Marlin Kreider, 717-627-8244

CENTRAL PA FARM LISTINGS

CENTRE COUNTY

DAIRY FARM - 122 acres (97 tillable, 22 pasture, 3 site and roads), mostly Hagerstown ground, sound 2½ story house, bank barn with 34 tie stalls, 96-stall free-stall barn, pipeline milker, 1,250 gallon bulk tank, 20'x60' and 14'x40' silos with unloaders, 20'x40' Harvestore (under lease) Priced at $182,500 Also available with an additional 95-acres for a total of 217 acres (130 tillable, 47 pasture, 36 woodland, 4 site and roads) and a second barn, 3 additional implement sheds and 1 silo for a total price of $247,500 Near Stormstown

DAIRY FARM - 179 acres (141 tillable, 17 pasture, 19 woods, 2 site), mostly Hagerstown, Murrill and Nolin soils, 2½ story stone and frame house, large bank barn with 60 tie stalls, pipeline milker, 800 gallon bulk tank, gutter cleaner, 20'x50' and 16' and 50' concrete stave silos, 20'x35' concrete stave sealed silo with bottom unloader Near Nittany $265,000 Additional 65 acres (61 tillable) also available

GENERAL FARM - 143 acres (28 tillable, 40 pasture, 73 woodland) excellent remodeled 2½-story home, bank barn, enclosed steel implement shed, and other sound outbuildings 18 miles from State College Additional land available $189,500

GENERAL FARM - 184 acres (20 open, balance woodland), sound 2 story house several pole-type implement sheds, hay storage shed, other outbuildings Secluded setting, easy access good hunting 8 miles from State College $123,500

LAND - 104 acres (80 clear of which 50 are tillable, balance wooded), 2 3 miles of stream frontage, magnificent view, excellent hunting Suitable for organic farming (no chemical applications for 15 years) $72 000

FARMETTE - 10 acres with large stone house built in 1800's, large barn small stream Near Centre Hall $99,500

RECREATIONAL OR FISH FARM - 137 acres (62 tillable balanced pasture and woodland), 3 large ponds, large recreational building, 2 story house (fair condition), 3 large ponds, large recreational building 2 story house (fair condition) 2 trailers, secluded setting Near Spring Mills $149,500 Ideal for fish farming

FARMETTE - 22 acres (15 tillable balance pasture) very nice 2½ story brick house, sound bank barn, garage small stream nice area Near Potters Mills $99,500

DAIRY FARM - 131 acres (109 tillable, balance pasture and site) 2 story log house with aluminum siding bank barn with 33 comfort stalls pipeline milker milk house with bulk tank, 18'x60' and 12'x45' silos good outbuildings nice setting Near Millheim $249 000 Owner Financing

GENERAL FARM - 155 acres (117 tillable, 32 woodland balance site roads and stream) sound 2 story house, bank barn 32'x344 1 story poultry building outbuildings, excellent producing ground small stream $212,500

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable 19 pasture 79 woodland) Excellent house, good barn adapted for farrowing and finishing hogs outbuildings, nice setting $275,000 10% **Owner Financing.**

HUNTINGDON COUNTY

DAIRY FARM - 338 acres (202 tillable, 56 pasture and lowland, 78 woodland) sound 2-story brick house, bank barn with 37 tie stalls, free stall barn with 51 stalls and bunk feeder, 20'x60' and 20'x50' silos, 15'x40' Grain o matic silo for high moisture corn, farm shop, heifer barn, 2 implement sheds, stream frontage pipeline and bulk tank, silo unloaders, gutter cleaner Very well maintained $375,000 OWNER FINANCING

LIMITED ACREAGE DAIRY FARM - 35 acres (17 tillable, 5 pasture balance woodland), 1½-story house, bank barn with 25 tie stalls, milk house with bulk tank, new free-stall barn with 30 stalls and bunk feeder, 14'x60' and 10 x50 silos, garage, implement shed, wire corn crib, stream frontage $75,000

BEEF OR SHEEP FARM - 306 acres (approximately 140 tillable, 117 pasture, 47 woodland, 2 site), 1-story brick home, 2 barns, garage, 2 silos, 2 large implement sheds, excellent water supply, 3 ponds $259,500 Additional land available

DAIRY OR GENERAL FARM - 66 acres (55 tillable, balance pasture and site) sound 2 story aluminum-sided house, bank barn with 43 tie stalls, new gutter cleaner milkhouse, new 40'x40' implement shed 14'x60' Lancaster silo pond swimming pool $115 000 Also available with 129 acres (70 tillable 53 pasture) $140,000

RIVER BOTTOM LAND - 55 acres (45 6 tillable) frontage on old Route 22 substantial Juniata River frontage Ideal for truck crops and roadside marketing OWNER FINANCING $99 500

LYCOMING COUNTY

DAIRY FARM - 106 acres (87 tillable, 10 pasture 9 woodland & site), Very nice 2½ story house 2 story bank barn mod 1 story dairy barn w/52 tie stalls, gutter cleaner pipeline milker milk house w/600 gal bulk tank 20 x60 ribstone silo w/unloader bunk feeder and 2 very good pole buildings Near Cogan Station Reduced to $189 500

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level very highly productive tillable) Good 2 story house bank barn 60 x120 cattle barn suitable for freestalls 20'x60' Harvestore 2 streams **Owner financing** $325,000

RIVER BOTTOM FARM - 93 acres (71 tillable), excellent stone and frame house sound implement shed workshop building, large bank barn with 25 stanchions 3,500 bushel grain bin, substantial Susquehanna River frontage Class I land 10% **OWNER FINANCING.** Muncy area $250,000

RIVER BOTTOM LAND - 41 acres (38 tillable) with road frontage on Pa Route 405 This is a portion of the farm listed above 10% OWNER FINANCING $82 500

NORTHUMBERLAND COUNTY

FARMETTE OR LIMITED ACREAGE DAIRY FARM - 27 9 acres (19 tillable balance pasture), sound 2-story home, good 1½-story Cape Cod home, bank barn with 35 stalls, implement shed Near Milton $99,500 Also available as a 22-acre unit with 1½-story house for $65,000

MANY LAND PARCELS AND FARMETTES AVAILABLE
CALL OR WRITE FOR THE FREE LIST

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688

Frederick J. Kissinger, Realtor
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NEW LISTING: Cumberland Co. 206 Acres - 180 TA of good level limestone soil, huge brick farmhouse, (3600 sq. ft) with new roof - very attractive setting! Morton equipment shed, silo, several garages, bank barn w/obsolete dairy facilities. 1.8 mile of road frontage in West Pennsboro Twp Call today for a real treat if you can appreciate the historical value of this unique property

NEW LISTING: Amish area of York Co. - 230 Acres of mostly Chester Loam Soil, 164 acres tillable, pond, stream, 4 BR frame house, (new) equipment shed, obsolete 30 cow bank barn w/large open pens, 2 silos 12x52. This tract has 3 deeds - easy to split for Amish!! High state of cultivation, call now.

ALL KINDS OF OPTIONS: 342 Acres nice dairy operation, 60 stalls, 20x70 Blue and 2 14x45 silos. Beautiful setting with 2 good streams in Bedford Co. Very large bank barn, pipeline, bulk tank, manure pit, large equipment shed, corn bins & very nice 3 BR tenant house. Main house is totally electric. 235 TA of the type of soil you will love to farm. Best of all owner quitting farming because of age & health, offers other options like turn key operation, full line of cattle and equipment or owner financing - will look at all options.

15 ACRE FRUIT FARM: with over 550 ample trees plus grapes, pears, apricots. Beautiful 2 story brick house, bank barn & garage includes farm equipment. Stream & small woods, Adams County.

33 ACRE (No Buildings) in Lancaster County - Bart Twp. 1½ acres woods, 2 entrances from hard roads - will sub divide.

120 ACRE CUMBERLAND CO. DAIRY FARM: Limestone soil with approx. 100 TA State road runs thru middle of farm w/nice length of field on both sides. Equipment shed, corn barn, 2 silos, extension built out front of bank barn, and double stone & brick house w/attached garage.

97 ACRES OF GOOD RIVER BOTTOM SOIL: w/2 story framed tenant house & 2 story brick farm house, huge bank barn, milk house & corn barn, very special deal. Call today.

MAHLON OBERHOLTZER
R.E. Agency
Smoketown -717-392-1177

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Established Agriculture Business

Located in the heart of Morrison Cove, two miles south of Martinsburg, Penn. Consisting of 1.6 acres of ground, which includes 3 warehouses and a garage of a total of 19,000 sq. ft.

Fertilizer Equipment Available. Plus Other Equipment.

Excellent Location and Facilities.

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May God grant that your home be filled with warmth of the season & your heart be filled with joy.

SECLUSION & PRIVACY

Berks Co. Gentlemen farm, 115 acres, 55 tillable, balance woodland & pasture. Log house with 3 bedrooms, horse barn. ¼ mile lane with bridge over stream. Ideal for retreat or executive style estate with some work. Priced $149,500.

Manheim Twp., Lanc. Co. 3 Unit farmhouse on 1 acre zone R-2. Three extra available acres with barn.

9 SECLUDED ACRES
PRICED IN THE $60's

2½ Story home with oil heat, barn & tobacco shed. Reduced Price. In River Hills. Lancaster Co.

GOING DAIRY FARM OPERATION

UNDER $1800 PER ACRE, 95 acres total, 13 acres pasture, 5 acres woods Easy rolling topo., spring fed pond, stream. Bulk tank, 3 bay implement shed, comfortable 2 story 3 bedroom home, 1½ baths. Oil and/or woodstove heat. Only 10 minutes to Chambersburg.

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Perry Co Two farms totaling 316 acres with 66 cow tie barn free stalls lagoon lots of implement and young stock facilities 2 beautiful dwelling and super fertile limestone soil spring possession Call Sandy 717 569 4264

32 Stanchion 140 acre dairy in Blaine area with brick house silo implement shed spring possession Owner will finance with easy terms Call today don t miss this one! Call Sandy 717 569 4264

Bradford Co 106 acre modern dairy 59 stanchions 4 silos large YS area FHA assumable mortgage if you qualify at low interest Call John Bomberger 717 649 5861

Blair Co Large 200 acre grain & beef farm 400+ acres available of low rent super modern house 30 000 bushel grain facility Call John Bomberger 717 649 5861

Snyder Co 399 acre dairy 2 sets of buildings silos pond modern dwelling lots of implement storage in Middleburg area Leroy Hibbs 717 837 0265

Lebanon Co Poultry and general farm w super modern home in ground pool Call Ken Young 717 426 1098

106 acre free stall w modern milking parlor Harvestore Slurry modern house and lots of other buildings A super buy Owners open to offer Call Ken Young 717 426 1098

"We Serve Your Farm Needs"

Call

LANCASTER COUNTY CALL KEN YOUNG 717 426 1098 OR SANDY LEAMAN 717 569 4264
SNYDER & UNION CO CALL LEROY HIBBS AT 717 837-0265
NORTHUMBERLAND LYCOMING MONTOUR COUNTIES CALL JOHN BOMBERGER 717 649 5861
DAUPHIN COUNTY CALL PAT KAUFFMAN 717 896 8958
BRADFORD COUNTY CALL BARBARA LA MONT 717 297 2619

TOP OF THE VALLEY
Picturesque 171 acres of rolling meadows and scattered woods Incredible building knolls command exciting vistas of the Blue Ridge Mountain ranges Good spring water and road frontage Only 8 miles from the new Virginia Horse Center Site
$165,000

SHENANDOAH LIVESTOCK
243 acres of fine pasture and cropland with two story frame home and tenant house Conveniently situated in agricultural community with cattle/horse/sheep possibilities Excellent southern exposure affords vineyard and or orchard potential 16 miles north of the Historic College Town of Lexington Virginia
$300 000

PIEDMONT FARM
Impressive 898 acre farm near Lynchburg Level to gently rolling land with 200 acres in cropland 75 acres in pasture and 600 acres in woods Beautifully restored 1809 Planter s house overlooking farm Excellent farm facilities for cattle/horses/sheep/swine Immaculate
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FARM AND COUNTRY PLACES

BERKS CO.

• 140 Acre Farm features lovely 2½ story stone home, modern kitchen, dining room, living room center hall 4 large bedrooms & bath, large bank barn, 2 large machinery sheds, small horse barn, large storage bins gently rolling land with pond & stream, $460,000

76 Acres General Farm 2½ story brick farmhouse, needs work, 2 story bank barn, double corn crib large stream private setting $150,000

SCHUYLKILL COUNTY

• 234 acre woodland tract, joins state gamelands, borders Rt 81 & secondary road, Pine Grove area, good hunting area, call for details $175 000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

MONTGOMERY COUNTY

• 82 acres, 65 till balance woodland & pasture w/stream general farm, 2½ story 5 bedrm house/LR DR Kitchen & bath bank barn & other buildings ~~$250,000~~ $235 000

TIOGA COUNTY

• 410 Acre 220 tillable Dairy Farm with lovely 2 story home features good 46 stall dairy barn pipeline bulk tank barn cleaner 2nd house new 45x72 machine shed shop & heifer barn, 18x60 and 12x35 silos pond, stream good ground $325 000 Cattle & machinery available

• 800 Acre Dairy Farm 400 T 2 very good lovely homes 83 stall dairy barn Steel pipe line, 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365 000 Full line of machinery and cattle available

• 122 Acre, 100 T dairy farm 47 tie stalls with 24 free stalls 800 gallon tank barn cleaner pipeline milker 20x60 concrete silo with unloader good house with kitchen dining room 2 living rooms 3 bedrooms and bath $110 000

• 126 Acre farm 70 T 45 pasture balance wood land Land only Near above farm $65 000

SNYDER COUNTY

• 186 acre dairy farm 100 T features modern 60 free stall barn w/milking parlor 2 story heifer barn and large machinery shed 20x60 and 20x70 Harvestore silos lovely 2 story home with 3 bedrooms kitchen, large living room/dining room, laundry and bath $210 000 Also full line of machinery available

POTTER COUNTY

• 116 Acre hunting ground 30 acres open balance wooded borders 2 roads & river Possible Owner financing $50,000

BRADFORD COUNTY

• 110 Acre dairy farm 80 tillable 35 stall dairy barn with dump station barn cleaner 400 gal tank 18x55 silo and 14x60 silo with unloaders and 14x32 silo, heifer barn and out buildings Large home with 5 bedrooms kitchen dining room living room laundry and 2 baths $150 000 Also cattle and machinery available under separate contract

• 5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank steel pipe line barn cleaner 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's Kit DR LR Bath and Den $145 000 Also second house available

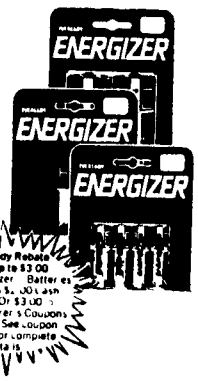
SUSQUEHANNA COUNTY

• 265 Acre modern dairy farm w/2 houses 115 comfort stall dairy barn with pipeline milker, 2 large bulk tanks, barn cleaner, 3 large concrete silos large free stall heifer & dry cow facility & large machinery shed, calf barn lovely split level home features modern kit , formal DR, LR, family room, laundry 2 baths 4 BRs Large in ground heated pool 2nd 2 story home modern kit DR, LR, family room, 3 BRs 1½ baths Also large new trailer 200 Head of dairy cattle modern line of machinery including several large tractors All for $600 000

• 565 Acre dairy farm Features 145 stall barn heifer barn large machinery shed 2½ story house with kitchen dining room living room office family room laundry 3 bedrooms 1½ baths 2nd House Modern 3 bedroom with kitchen dining room living room and bath Apartment with modern kitchen living room dining room 3 bedrooms 1½ baths 3rd House New 2 bedroom kitchen living room and bath $750 000

Merry Christmas

VISA



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These batteries provide longer more dependable service than standard types

'C' or 'D' 2-pack 17524 108 17525 108 Reg 2 49	1.39
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Homelite® Super EZ®
- 2 5 cu in engine with compression release
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Starting Fluid
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Gives smooth starts in all kinds of weather Starts engines with low batteries also for use in diesel engines 10 4 oz net wt

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Fits John Deere and International Harvester diesel injector receptacles and can be used on Ford to start gasoline engines 7 8 oz net wt

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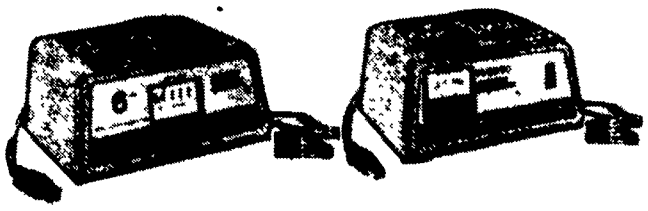
3 Year Guarantee Automotive Use

Guarantee	Volts	Cold Crank	Group	Exch Price
3 Yr	12	350	22F	28 99
4 Yr	12	400	22F	30 99
5 Yr	12	440	22F	35 99
3 Yr	12	350	24/24F	29 99
4 Yr	12	400	24/24F	35 99
5 Yr	12	500	24/24F	41 99
3 Yr	12	350	74	32 99
5 Yr	12	500	74	42 99
2 Yr	6	480	1	30 99
3 Yr	6	525	1	34 99
2 Yr	12	715	4DLT	83 99
4 Yr	12	485	27/27F	39 99
5 Yr	12	565	27/2F	46 99
2½ Yr	12	580	30	55 99

Schumacher



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Battery Chargers
Charges 6 and 12 volt batteries Accurate numerical dual ammeter shows exact rate of charge

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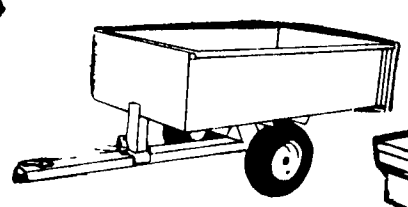

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17 Cu. Ft. Trailer Cart
- Heavy steel body
- Easily hitches to a garden tractor or riding mower
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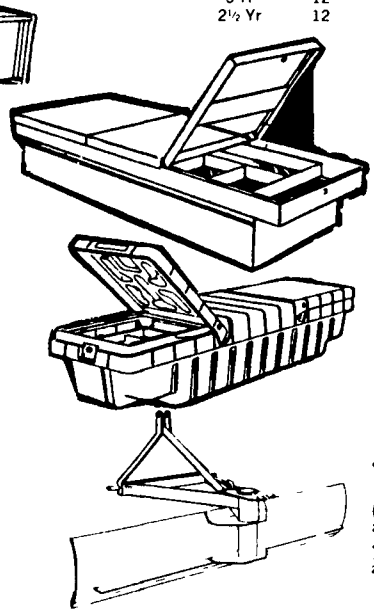
- Cart may vary from illustration



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Fits most standard pickups

Steel Tool Box	22185 269	
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22.99
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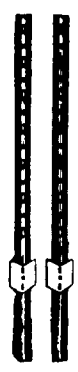
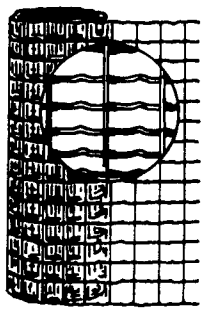
4 Pt. Barb Wire
12½ gauge 4 pt wire 5' spacing Made in USA



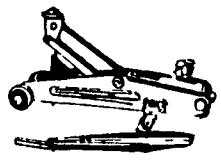
2.19
24677 282
6' Steel "T" Post

2.29
24690 282
6½' Steel "T" Post
Strong durable studded T post with enamel finish for longer life includes five clips for attaching fence to post



94.99
24678 282
39" Field Fence
6 between stays with 11 gauge filler wires and 9 gauge top & bottom wires

109.99
24681 282
47" Field Fence
6 between stays with 11 gauge filler wires and 9 gauge top & bottom wires



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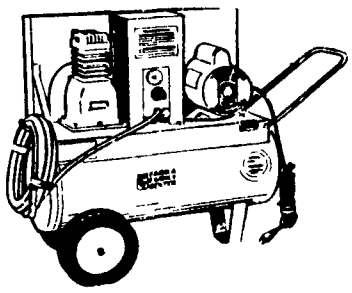
19460 145
2 Ton Hydraulic Floor Jack
High carbon steel side plate Oversize front wheels for stability Ball bearing casters for easy positioning
2 Ton Hvy Duty Hyd Service Jack 966 145 NOW 24.99

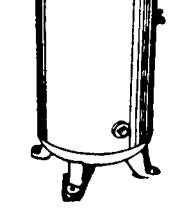


179.99
17980 106
½ Horsepower Air Compressor
- 10 gallon tank
- 3 2 CFM displ 2 4 CFM at 40 p s i 1 8 CFM at 90 p s i
- Dial O Matic control
- No additional regulator needed

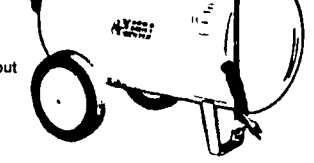
21.99
24703 282
4 Pt. Gaucho Barb Wire
Gaucho barbwire is made of improved high carbon steel wire that has a class III galvanization 15½ gauge 4 pt wire 5" spacing 80 rod spools

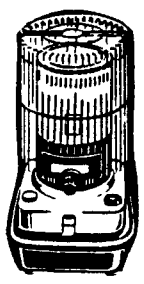
FORBES STEEL

19.99
25181 282
Forbes Barb Wire
15½ Gauge high tensile with class III zinc coating 2 strand 4 pt wire spacing 80 rods MADE IN USA



399.99
17984 106
2 Horsepower Air Compressor
- 2 hp electric motor
- Twin compressor with an output of 7 8 cfm at 40 psi
- 22 gallon tank
- As portable as the ½ hp unit





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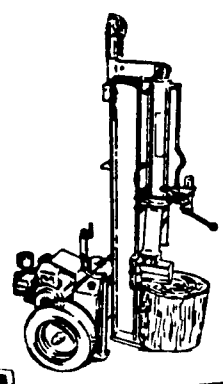
24695-260
20,000 BTU Convection Heater
- Touch-N-Glo Ignition
- UL listed
- Automatic shut off

5 Gal Kerosene Can 22009 173 NOW 6.97



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16 Ton Vertical Horizontal Log Splitter
- 2 stage pump
- 5 Hp engine has splitting force of 32 000 lbs
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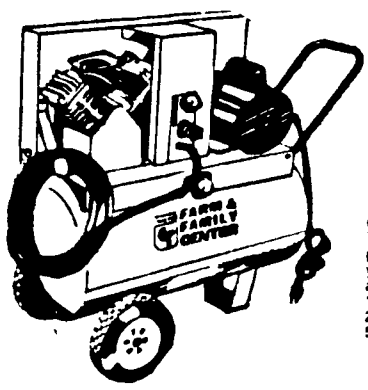

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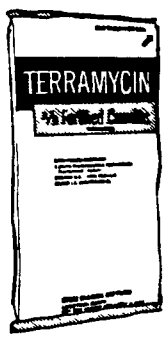
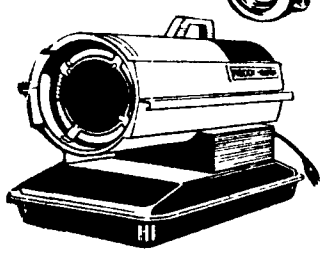
18326-106
1 Hp. Twin Cylinder Air Compressor
14 gallon tank 7 0 CFM disp 5 2 c f m at 40 p s i 4 2 CFM at 90 p s i The V 2 Twin cylinders deliver air power Easy to read gauge enables you to dial the pressure desired-no additional regulator needed

15 Air Hose	17791 106	NOW 6.99
25 Air Hose	18400 106	NOW 10.49
50 Air Hose	18417 106	NOW 16.99



9.49
19015 141
Terramycin A/D Fortified Crumbles
Helps increase production in dairy animals and increases gains in beef and swine by fighting disease two ways Fights in the blood and in the gut Helps eliminate bacterial entritis
50 lb bag



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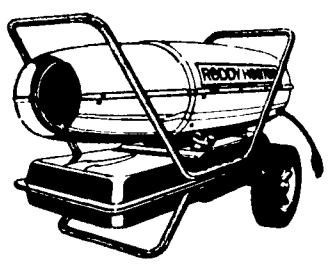
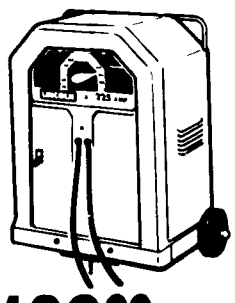
35,000 BTU Space Heater
- Burns kerosene or #1 fuel oil
- Operates up to 11 5 hours
- 3 gal tank
- Solid state ignition
- Automatic flame out control

50 000 BTU 24533 260 SALE 169.99
Thermostat for Space Heaters 23981 260 Now 38.99

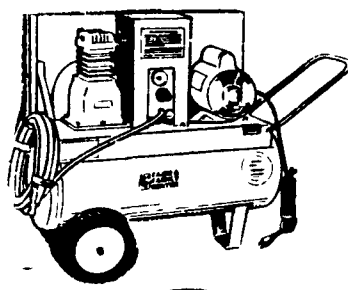


259.99
23985 260
100,000 BTU Space Heater
- Burns kerosene or #1 fuel oil
- 8 gallon tank
- Spark plug ignition
- Automatic flame out control

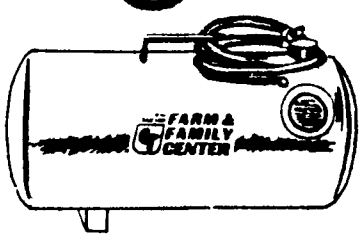
150 000 BTU 24001 260 SALE 339.99
Thermostat for Space Heaters 23981 260 Now 38.99



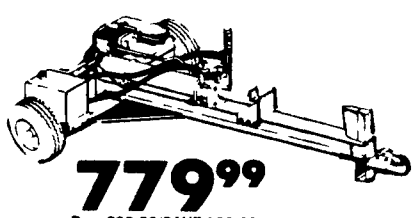
139.99
18040-115
Lincoln 225 Amp Arc Welder
Includes ground clamp insulated electrode holder 15' electrode cable 10' ground cable 6' input cable with plug, female receptacle and helmet Uses 220 volt, 60 cycle power source Wheels not included
AC/DC Lincoln 225 Amp Arc Welder 18121 115 NOW 269.99
Welding Glove 18019 115 NOW 7.19



199.99
17981-106
¾ Horsepower Air Compressor
10 gallon tank 4 0 CFM displ 3 1 CFM at 40 p s i 2 5 c f m at 90 p s i Dial O Matic control with easy to read gauge enables you to dial the pressure desired no additional regulator needed



29.99
17784-106
Heavy Duty Air Tank
Big 10 gallon capacity tested to 25 lbs Comes complete with 6 foot air hose, chuck, gauge, and safety valve



779.99
Reg 899 99/SAVE 120 00
13105 279
16 Ton Low Profile Log Splitter
- Pump
- 5 Hp engine
- Auto cylinder retraction
- Rugged tubeless tires
- Trailer hitch coupler

14.50
27800 285
50 Lbs. Milk Replacer
Has proved that many milk replacers on the market compare to

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CENTRAL TRACTOR FARM & FAMILY CENTER.

THESE PRICES WILL BE HONORED ONLY AT THE LANCASTER, PA STORE
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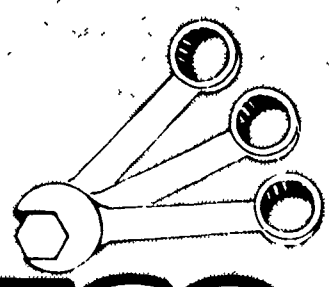

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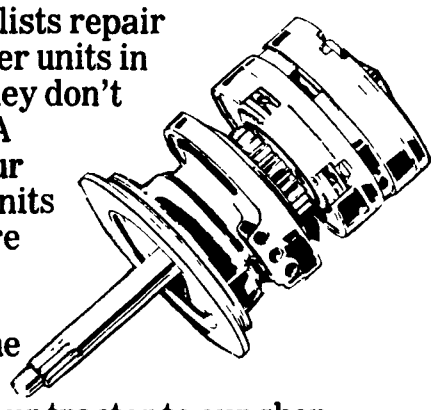

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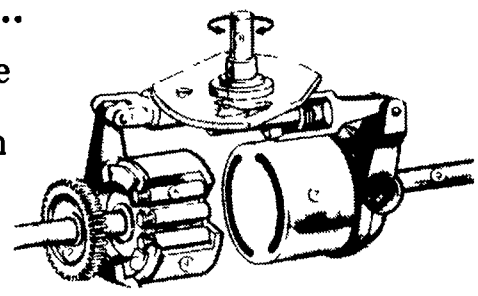

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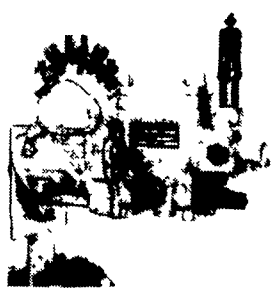

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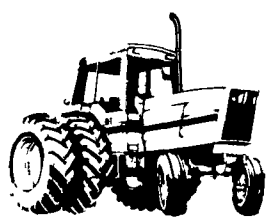

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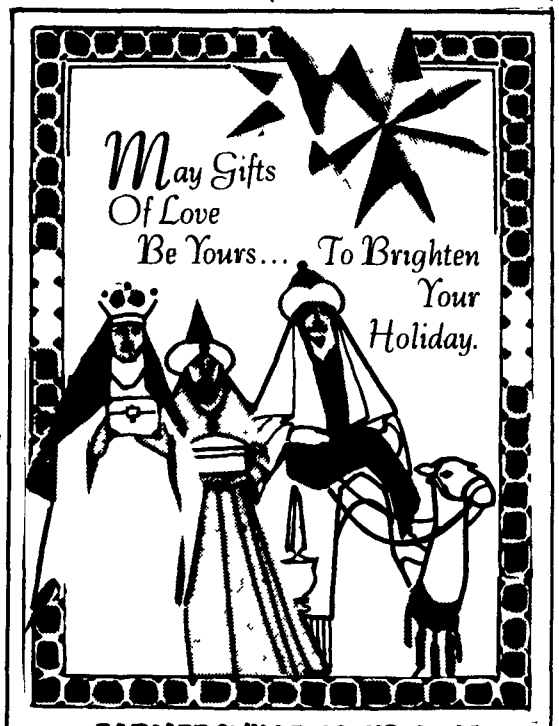

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LET US NOT FORGET THE TRUE MEANING OF CHRISTMAS, THE BIRTH OF CHRIST
THE LOVE HE HAD, TO DIE FOR OUR SINS.
MAY WE LET THAT LOVE SHINE FORTH THIS JOYOUS CHRISTMAS SEASON AND THROUGHOUT THE NEW YEAR.
case IH
BINKLEY & HURST BROS.
133 Rothsville Station Rd., Lititz, PA 17543

For Sale: NH 1037 Stackliner automatic bale wagon and 1052 stack retriever. 609-859-8549 after 5.

For Sale: Pearson Brothers hi pressure pit pump, $2,000 or Best Offer. 814-486-1401

IH 584 diesel, in new condition. Also JD 2030 diesel, in good condition. 717-733-4583

IH TD6 Crawler w/hyd. and PTO, good condition and good u/c. $3,000. 717-733-1009

JD 1010 crawler loader w/model 50 backhoe, repainted, excellent. 717-235-2851 after 5 p.m.

FOR SALE

Oliver 77
MF 285
MF 180
IH 574 D
JD 212 w/mower
MF 1135 w/duals, cab & air
IH 12' Vibra Shank
JD frontend weights
Gehl 115 mixer mill
NH 489 haybine

L & M BURKHOLDER
Ephrata, PA
717-859-2960
717-859-2712

MF
Massey Ferguson

MF 65 Dsl., reconditioned
MM 670 Gas
MF Super 90 Dsl. w/Loader
IH 154 Cub w/Mower
Ford 501 3 pt. Mower
NH 516 Spreader
IH 540 Manure Spreader
IH Grain Drill
Herd 3 pt. Fert Spreader
NH 69 Baler w/Thrower
IH 37 Baler w/Thrower
Hesston PT10 Mower Conditioner
Hub 30' Elevator
MF 880 5B 18" Plow
Case 5B 16" Plow
JD 4x14 Mtd. Plow
NH 450 Sycle Bar Mower
NH 822 Corn Head
Gehl 65 Grinder Mixer
Brillion 24' Field Harrow
MF 300 Combine
MF 205 Combine
Gehl CB1000 Harvester w/(2) Heads, 2 yrs. old
Gehl 600 For. Harv. w/2 Heads
Fox Blower
Gehl 4500 Skid Loader w/Backhoe Attach.
Kasten 14' Forage Box
NH S23 Blower

NEW HOLLAND

Silent Night

May a joyous Noel be yours in every way

SCHREFFLER EQUIPMENT
Pitman, PA
717-648-1120
717-648-1811

For Sale: Kubota B6200, 4 WD, hydro. drive w/snow blower & more, excellent condition. Make Offer. Franklin County. 717-532-9234

AC 200 Tractor
AC 185 Dsl.
AC CA Tractor w/ Cultivator
AC D17 Dsl. Tractor
Farmall 300 Tractor
NI 214 & 218 Single Beater Spreader w/Hyd. Endgate
OMC 540 Staker & Mover
Case 10' Pull Type Pt Chisel Plow
NI 838 Husking Unit
NI 729 A Uni Sheller
Used NI 323, 1R Picker
NI 740 Feeder Housing
NI Model 702 Dsl. Power Unit
737 Uni Husker

Joyful Greetings

Merry Christmas to all our very special friends

ROY H. BUCH INC.
Ephrata
717-859-2441

case

Used Case 58C TLB
Case 2990, excellent
1983 Case 1190
1983 Case 2090
(2) JD LA's, Antique Specials
Case 1390 Tractor, 2 yrs. old, low hrs.
Case 1212, Good Shape
Case 1983, 2590 w/390 hrs. excellent
Int. 806 Dsl., WFE
Int. 6388, excellent condition
Int. 856 Dsl., nice shape
705 Power Unit Diesel, Uni-System
Hesston 4600 Hydraulic Tension Conv. Baler - Will take best offer, only 1 yr. old
OMC 540 Stacker
OMC 540 N Mover
10' Pittsburgh Disc, like new
AMCO 10' 1982 New Disc
RP 10' Disc, A1 Shape (New)
Used NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, mow/dit-ioners, NI 323 corn pickers & spreaders in stock at Good Prices.

Season's Greetings

May you experience the joys of Christmas with those you love. Many thanks.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

For Sale: 9 used Kubota tractors, various conditions & sizes, w/or without tools. $1,900 to $5,950. Wengers Farm Machinery. 717-866-2135

For Sale: Bale Thrower Wagons, Steel or Wood. Will fit sides onto your flatbed. Also, Available: Flatbed Wagons.
STOLTZFUS WOODWORK
Rt. 2, Gap, PA 17527
(717)442-8972

For Sale: 100 farm tractors, 900 pieces of machinery, 40 crawlers, 20 backhoes, lots of used parts. We cover 25 acres. Some real good deals. Wengers Farm Mach. Inc., 251 S. Race St., Myerstown, Pa. 17067 717-866-2135

For Sale: 3 pt. snow blower, 8', $975.; 7' Vec snow plow, $250. Monroe Co. 215-536-0151, No answer Call 717-992-4446.

SUPER SPECIAL OF THE WEEK

Dec. Only
AC 6080
2 WD w/ROPS
$16,750

USED EQUIPMENT

AC 7000 w/Cab
Model 800 Silamix w/Dig. Scales
XT 190D AC Tractor, Real Nice
Used NI 737 Husking Bed attach.
NI 702 Uni Harvester With 717 Combine Head
Vicon RC 330 Rake Tedder - Like New
NH Model 90 Bale Handler
AC 4 bottom SC plow
JD 6 Bottom Reset Plow
AC 333 4 Row Corn Planter
Papec Harvester w/Both Heads
Cases 1835 Skid Loader
LKS Combine w/Grain And 630 Corn Head

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JD 2020 Dsl.
IH 1466, No Cab, Duals
JD 4430 Cab, PS, Sharp
JD 4 SOLD .
JD 4430 QR, Cab
Deutz DX110 Cab w/Air

• COMBINES
JD 15' Rigid Platform
JD 7700 Rotary Screen, Hydro, 643, 15' Grain Head
JD 643 Corn Head, Low Side

• PLANTING EQUIPMENT
JD 1240 4R Double Disc
Oliver Drill 13x7
AC 330 4 Row Planter
JD 7000 4 RN No-till
JD 1440 4 Row No-till
JD 1240 Plateless w/Fert.
AC 333 No-till

• TILLAGE
JD F145, 4-16 Semi Mtd. Plow, like new
Ford Disc 24'
JD 2 SOLD 12'
JD 310, 14' Disc
Brillion 14' SOLD
Mulcher
Brillion 15' Roller Harrow
IH 21' 3 pt. Field Cultivator
Chatanooga 17' Packer
Dunham 14' Packer w/Transport, Solid Wheel
(2) Brillion 3½' Packer Wings, Solid Wheel

• HAY & FORAGE
JD 3800 Forage Harvester w/2 row Wide Corn Head

• MISCELLANEOUS
6' Rear Scraper
8' Rear Scraper
Woods 15' Rotary Cutter
JD 509 5' Rotary Cutter
Woods 6' Rotary Mower

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Evenings Call
Gary (301) 885-2248

For Sale: IH 1066 Diesel, cab, dual hyd., power take-off, full weights, excellent condition. 12 Tooth chisel plow. Call before 8 a.m. or after 4 p.m., 717-366-0222.

For Sale: IH 1066 tractor, 1,335 hr. original, excellent condition. Best Offer. Call after 5 p.m. 215-589-2385

Valk V-type snowplow, clears 8', excellent condition. Reasonable. Call Sheaffer evenings, 301-778-0185.

WANTED: 7" irrigation pipe with Wosco couplers 717-539-2711.

For Sale: Ford 3000 gas tractor, in good condition $3200. 215-488-7155, 215-488-7658.

LOADER IH 2500B, gas. $4,500/Offer. 301-833-9091

MF 1100 diesel, dual hydraulics. 814-793-4293

MF 65D w/MF loader $3,500/Offer. 301-833-9091

MF S90, 8 spd. w/MP, 3PTH, 1450 original hrs, new rubber, PS, HD frt. end loader w/hyd. tilt. Eves. 215-383-5545.

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- Robert Peterson
- Barry Dougherty
- Jesse Fry
- Fred Uniatowski
- Doug Shearer
- Sharon Peterson
- Mr. & Mrs. Norman D. Clark & Family

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Honey Grove, Pa 17035
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Located 14 Miles South Of Port Royal On Rt 75

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JD 235 Disk Harrow, 17'1"
JD 215 Disk Harrow, 12'
JD 7000 Conservation, 6RN Corn Planter
JD 1600 Spring Reset 4 Bottom Plow
JD 8250 Grain Drill, 14x7
JD 8300 Grain Drill, 18x7
JD 712 Mulch Tiller, 11'3"
JD 2550, 4WD Tractor
JD 2950, 2WD Tractor
JD 4050, 2WD Tractor
JD 4250, 2WD Tractor
Fayette Trailer, 14'
Fayette Trailer, 20'
NH L250 Skid Steer Loader
NH L455 Skid Steer Loader

USED EQUIPMENT

MF 760 Combine w/V8 Engine, 6RN, 17' Grain Platform
JD 4230 Tractor, new engine, PS, excellent condition
JD F145 Mol Board Plow, 5 Bottom
Kubota L185 DT 4WD Tractor

Good Selection of New & Used Balers, Haybines & Rakes
We Also Have Many New & Used Lawn & Garden Tractors
Above Prices Do Not Include Delivery; Some Trades Will Be Considered.

We At M.S. Yearsley & Sons Would Like To Wish Our Customers A Merry Christmas And A Happy New Year.

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FMC

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Thank You And Best Wishes For a Merry Christmas and a Happy New Year

Lawrence, Butch, Sandy And Employees

Parts Department: Ken, Tiny And Gary

USED EQUIPMENT

★ Extra Special Cash Allowance on Most Used Equip. In Stock!

TRACTORS:
- AC 8070, 4WD, 3 Remotes, 200+ Hours, like new cond.
- IH 584D, Row Crop, New Rubber, Nice Cond. – $8,950
- IH Farmall "C"
- Farmall Super MTA
- IH 806 Diesel, WF, 3 Pt., Turbo – $6,250
- Farmall Super C w/Fast Hitch & Cult.
- Farmall 400
- Int. F12 w/cult.
- IH 450 Gas, wide Front – $1,750
- IH 404 Gas Low Utility, 3 pt Hitch, w/72" Mott Mower, Engine Overhauled – $4,950
- MF 65 Diesel Utility
- MF 33 SOLD . Hitch
- IH 240 w/Fast Hitch

TILLAGE:
- Athens 11 Ft. Chisel Plow, 3 pt. Hitch, with Ga. Wheels
- Brillion 10' Packer Mulcher – $1,150
- Brillion Vibra Tine Trailing Field Cult., 16 Ft., Like New
- Bush Hog 10' 3 pt Hitch Chisel Plow, Like New!
- Pittsburg 11'6" Disk
- JD KBA Disk, 9' – $750
- JD KBA 12' Disk
- JD 1710A 12' Trailing Mulch-Tiller, Like New – $3,950
- IH 37, 35 In Various Sizes
- IH 540 4-Bottom Semi Mtd. Plow
- IH 645 Vibra Chisel, 13½', Trailing
- Int. 360 20 ft. Trailing Field Harrow
- IH 315 12'4 Packer Mulcher
- Chattanooga 11' Packer w/Transport
- 1-Bot. Trailing Plow
- Vicon 10' Power Harrow – ~~Was $2,560~~ – Now $1,500

IH PARTS COMBINES:
- IH 315 Hydro & Plat.
- IH 315 Gear & Plat.
- IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
- IH 227 Cornhead

OUTDOOR POWER EQUIP.
- IH 149 w/42" Mower
- IH 1250 w/Mower, New Engine
- IH 1282 w/42" Mower
- Cub Cadet 108 w/Mower
- Cub Cadet 106
- Cub Cadet 105 w/mower
- Model 7016 Simplicity w/42" Mower-Nice Shape!
- Cub LoBoy w/Mower Ex. Cond.
- Toro Model 58 Professional Reel Mower – $375
- JD 210 w/Mower, Nice Shape
- AC Big 10 w/Mower
- Ford 165 w/Mower-Real Nice
- Gravely Model 424, 10 Hp, w/Mower

HAY & FORAGE:
- Int. 56 Blower, Rebuilt
- IH No. 51 Forage Wagon
- NH 38 Flail Chopper
- NH No. 26 Blower
- (2) NH No. 27 Blowers (Whirl-a-Feed)
- Gehl FBB 88 Blower
- Gehl 99 Hi-Throw Blower, nice!
- 550 IH Chopper (Parts)
- 1014 Hesston Mower Cond
- NH 256 Rake w/Dolly Wheels
- NH 69 Baler w/o Thrower
- IH 420 Baler w/o Thrower
- IH 430 Baler w/Thrower-$1,500!
- (2) IH No. Bale Throwers
- IH 990 Mower Cond., 9 Ft
- 5026 Elec. Wheel, 8 ton Gears
- IH Direct Cut Head For 15 or 16 Chopper
- NI Stalk Shredder, 12'
- Woods Model 214 14' Folding Mower—needs work
- Woods Model 84 3 pt. Hitch Mower, Like New!
- Woods Model 72 trailing Mower, Real Nice!
- Int. 120 Balanced Head Mower
- (2) Farmbilt 8x18 Bale Wagons, w/8 Ton gears—1 yr. old, like New-$1,650 ea.

MATERIALS HANDLING:
- Front Mtd. Forklift for 20 Series JD Tractor
- Farmhand Loader for IH 74 or 84 Series Tractor
- MF 711 Skid Loader w/Bucket
- IH 2000 Loader, Less Bucket, Mount for IH 275
- NH 355 Grinder Mixer, Real Nice!
- NI 6"x 59' T[SOLD]port Auger, PTO Driv[SOLD] – $650

PLANTERS:
- IH 2-Row Fast Hitch
- IH 455 4-Row
- IH 456 4-Row, Nice Shape!
- IH 658 6-Row Narrow Dry Fert. 4 & 6 Row Cyclos, Field Ready!
- JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump–Nice!
- JD Van Brunt 13x7
- JD 15x7 Drill, DD, Comb.
- IH 510, 16x7 Comb. Drill w/2 Grass Seed Boxes
- IH Fast Hitch, 2 Row Cult., Like New

COMBINES:
- 715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
- AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape! – $17,500 Less 15% Cash Discount
- 810 13' Cutter Bar, Like New
- 810 15' Cutter Bar, Like New
- IH 430 WN 30" Cornhead
- IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd Lift
- IH 227 Cornhead, fits 315, 205 or 203
- IH 843 4-Row-Narrow Cornhead
- IH 844 4 Row Wide Cornhead, Real Nice!
- IH 863 6-row Cornhead Real Nice!
- NI No. 10 Picker, Fair Shape – $500
- Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

MISCELLANEOUS:
- McCurdy 20' Trailing Harrogator – $1,300
- SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor – $750
- ARPS 3 pt. 78" Snowblower
- New Midwest 9' Grain Body For Truck, – $1,350!
- Athens 15' Bat Wing Mower (In Stock) – $9,625 (New)
- Vicon 281 Mower Cond.-Extra Special Price! (New, Demo.)
- Century 500 Gal. Trailing Sprayer
- Walsh 300 Gal Trailing Sprayer
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- ★ Northwestern Skid Loaders
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END—OF—YEAR Clearance

LATE MODEL TRADES ONLY...

Will Sell Below Dealer Orig. Prices!

8% CASH DISCOUNT
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5% INTEREST
To Qualified Buyers!

HURRY... Don't Miss Out!

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- IH 5488 Tractor — Dual 20.8x38 Radials — Approx. 300 Hours — Demo SOLD
- IH 735 6-Bottom Vari-Width — Set Up
- IH 730 4-Bottom Vari[SOLD]th — Demo — Set Up
- IH 720 6-Bottom On Land — Hitch — Set up
- IH 496 Disk Harrow, 22' SOLD — Cushion Gang — 9" — Set Up — Demo
- IH 496 Disk Harrow, 18'7" — Cushion Gang — 7½" — Set Up — Demo
- IH 496 Disk Harrow — 19'1" — 9" Spacing — Cushion Gang — Not Set Up
- IH 415 20'10" Folding Packer Mulcher — Set Up — Demo — VT Teeth & 19" Rollers
- IH 4621 Vibra Shank Trailing Field Cult. — Set Up — Demo — 21 ft. to 26 ft.
- IH 4630 Vibra Shank Trailing Field Cult. — 30 ft.
- IH 6511 Consertill — Set Up — Demo — 11 ft.
- IH 14 Subsoiler — Set Up — Demo — 5 Shank, 15 ft.
- IH 10 Subsoiler — Set Up — 7 Shank, 11'8"
- IH 800 4-Row Air — Extra $1500 Certificate On Planters
- IH 183 Vibra Shank 4-Row Cult. — Set Up
- IH 881 Forage Harvester — 2 Row Head w/ Pickup Attachment — Set Up — No Reasonable Price Refused!!
- IH 1190 Mower Conditioner — 9 Ft. — Set Up
- IH 530 Spreader — SOLD Bushel, Heaped
- IH 540 Spreader — 170 Bushel, Heaped
- IH 550 Spreader — 201 Bushel, Heaped
- IH 595 Spreader — 365 Bushel, Heaped
- IH 375 Tandem Axle 10 Ton Running Gear — Set Up

Straw Chopper For 1420 Combine
23.1x34 Rice Tires SOLD ms For 1420

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JD 1250 plateless planter, dry fertilizer, insecticide, disk openers, $1,000. Also 600' 4" McDowell irrigation pipe. 215-267-6692

JD 2030 diesel, high and low, heavy duty front end. Real clean. 814-793-4293.

JD 4020 factory cab, Hinson w/roll guard. Call 609-935-3384

JD 4020 power shift, dual hydraulics. 814-793-4293.

JD 4230 fender tractor, dual hydraulics, excellent condition. 814-793-4293

JD 4320 cab & air, dual hydraulics, 38" rubber, like new. 814-793-4293.

JD 4430, cab & air, 77 model, power shift, 814-793-4293.

JD 450 Crawler Loader. 814-793-4293.

JD 4520 w/factory cab, dual hydraulics, excellent. 814-793-4293

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One 6600 JD Combine w/17' platform. One 1805 MF w/7000 gal. manure tanker. One Lilliston no-till drill. 717-637-0192.

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Disk Harrows
Grain Drills
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AC 7000
Irrigation Pump w/Motor
Used Combines
IH 1066

Norman Bright Inc.
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IH 2 Corn Husker w/Steel Wheels
NI #10 Manure Spreader. Better Than Average Condition
AC Model C Tractor
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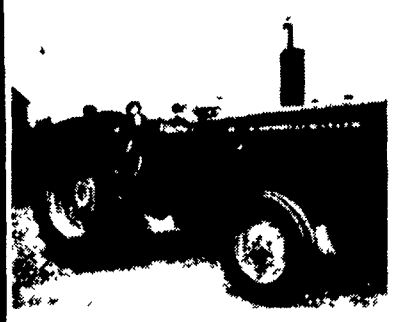

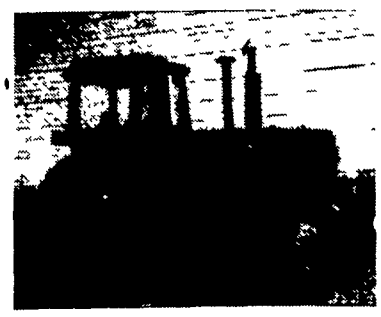

JD 1020
Diesel, 1900 Hrs., Original & Sharp.
$4,500

JD 4440
QR, cab, 600 hrs., 4WD, dual hyd. lift assist, clean
$16,500

OTHER TRACTORS

JD 2030 Diesel Utility	$5,900
JD 2510 Diesel, WFE	$4,500
JD 4430, Cab, QR, Nice	$12,500
JD 3020 PS, WFE, Solid	$5,900
JD 4440 Cab 1900 Hrs, PS	$18,500

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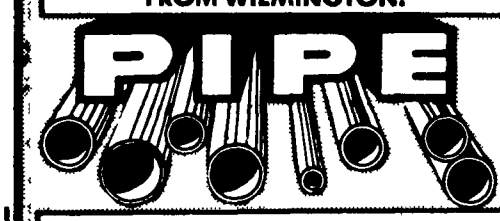

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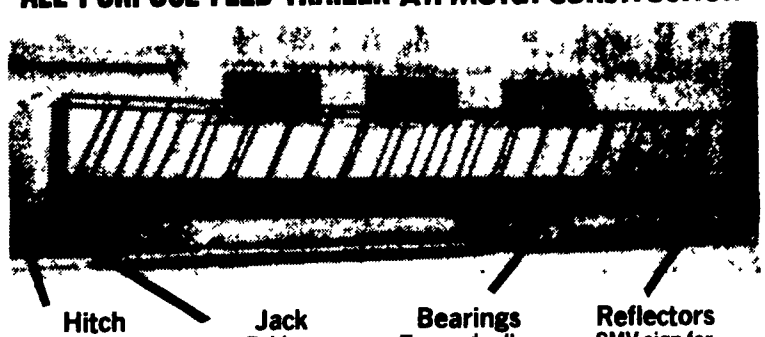

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* Length 24' & 30' + hitch
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8,10,12 & 14' Wheel Disc
3 pt. 7'
7 & 8' drag discs

COMBINES
JD 45 w/2R & 10' grain, $2,000
IH 403 Gas hydro w/13' grain & 4R 30" corn
Case 660 cab w/10' grain, 2R or 3R 30" corn
JD late 45 w/2R & 10' grain
IH 105 w/cab & 10' grain
JD 7700 Hydro Dsl big rubber & grain head, $7950
Massey 82 w/12' grain head
JD 45 Sq. back w/10' grain, 2R cornhead, nice
IH 203 w/12' Grain & corn
JD 45, late model w/JD 3300 Throat & grain & 2R cornhead
IH 105 w/8 or 10' head
JD 45 w/10' grain & 2R corn
IH 915 Diesel Turbo, hyd w/13' grain, 4R corn or 6R corn
IH 93 w/10' grain
IH 80 pull type PTO bin $1450
Massey 35, self propelled, 8' cut, real nice
MF 410 Quick tach w/grain head 4 Row 30 & 38" Corn Head
IH 76 PTO 7' pull type $475
IH 80 pull type Auger feed $950
AC Gleaner G w/4 row corn, $5,500
Gleaner A w/grain head $2,000
Gleaner E3 cab, grain
JD 4400 Diesel w/grain head, $7,500
Gleaner M Diesel w/grain head & 4 row corn head, $11,500
IH 80 7' pull type auger feed, $875
MF 510 Diesel w/Quick Tach, grain head $5500
IH 82 pull type, auger feed, PTO $1,475

TRACTORS
AC D17 Diesel w/PS, $2,750.
IH 656 Gas, 3 pt. $3,250.
Farmall 300 w/live hyd. & live PTO
AC WD 45, new paint, $1,200
AC D15, WF, PS, loader, $2,000
Economy 14 hp w/plow, belly mower & front end loader w/hyd. bucket, $1975
Farmall Late H
Farmall Super C w/hyd & pulley $975
AC D19 Dsl w/WF
Oliver 1800 NF 80 hp gas
Ford 6000 65 hp gas
Massey 44 NF gas
Massey [SOLD] TO & pulley, $5[SOLD]
Massey 1080 D, needs PTO gears
JD 720 Diesel w/PS
IH 340 w/fast hitch
AC XT19[SOLD] pt & WFE, $3,[SOLD]
IH 706 Gas, NF, $2875
JD 60 w/PS, $1475
AC WD w/PS, $1175
Ford 871 w/PS, $2475
IH 460 gas NF
Ford 6000 Diesel $2475
Massey Pony Pacer w/1R cult. & 1 btm. plow $1485
Massey 44D w/WF
AC D19 Diesel w/WF
Case 400 Diesel
Ferg. 30 w/3 pt.
Farmall 560 Diesel $2850
Ford 900, P/S, real clean
AC D17 Diesel snap coupler
Ferguson 30

FORAGE HARVESTERS
IH 720 2R wide or narrow corn head $3000
AC 720 2RN & pickup $750
JD 34 1R & pickup $875

WIDE FRONT ENDS
Farmall C or Super C, 200 & 230
Ford 6000 WFE
IH 460, 560, 706, 756, 806, 856

CORN PICKERS
1&2 Rows Pull Type & mounted Also, 50 for parts

ROTARY MOWERS
3 pt 6,7 & 8'
Also pull types

TRACTORS ALL WITH LOADERS
Ford 4000 Gas industrial w/front pump, $4,000
Farmall Super C $1,675
Farmall Late H $1,200.
Farmall M w/PS & live pump $2,750.
JD 450 Crawler loader, $8,950.
Oliver OC3 Crawler loader, $3,500.
Farmall M w/PS $1,850
IH 460 gas, PS, $1,675.
Farmall 200 w/fast hitch & live pump, $2,000.
IH 300 Utility w/fast hitch $1,650.
IH 3444 Dsl. backhoe w/4 in 1 bucket, $5,850.
Economy 14 hp w/loader, plow & mower, $1,975.

MISC.
Sickle bar mowers, 3 pt. semi & trailer types.
Hay Balers, with or without throwers, $300 & up
Combine Corn heads, 2,3,4 & 6R.
Grain Heads, 8,10,11,12,13,14 & 15'
NI 213 3-beater spreader, $750
NI 12' Flail Stalk Cutter, $800
IH 9 tooth trailer type chisel plow
NH 269 Baler w/thrower
Trailer Type Rotary Mower, $475
IH Loaders to fit H, M, 300, 350 & 300 & 350 utilities
Hesston [SOLD]-propelled hayl[SOLD] w/hyd. & cab
NI Cut/ditioner
Ferg. loader w/hyd. bucket & front pump $650
12 Tooth Trailer type chisel plow
JD 210 wheel disc, like new
Ford 3 pt. disc, $475
JD 16' wheel harrow $1475
30 plows from 2 to 7 bottom
IH 315 14' cultimulcher

New 3 Pt. Equipment

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

IH 1256, 666 Hydro, 806, 660, 560, 504, 404, 460, 450, 400, 350, 300, 340, 240 MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12 JD 4010, 3010, 2010, 70, 60, 50, A, B AC 180, D17, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 44, 33, 30, 20 Case 300, DC, SC, VAC Ford 6000, 4000D, 860, 800, 8N, 9N Oliver 88, 77 70 60 Crawler D2 Cat & Oliver

Dismantling 50 pickers for parts

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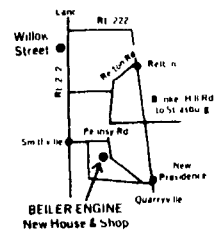
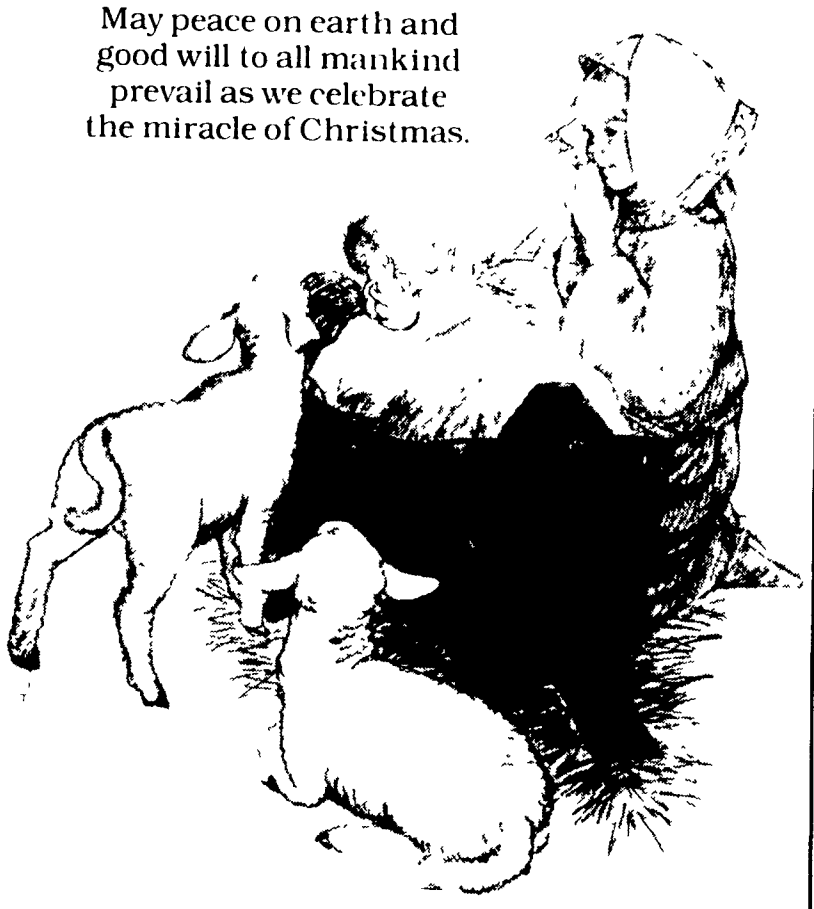


O Come Let Us Adore Him

May peace on earth and good will to all mankind prevail as we celebrate the miracle of Christmas.



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C.J. Wonsidler Bros.

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10% Discount on Parts & Labor for Baler Reconditioning until Mar. 15, 1986

TRACTORS
AC 170
(2) AC 190XT
AC 7000, PS, ROPS
AC 7020
AC 7040
AC 7060
AC 7080
AC 210
~~AC~~ SOLD
Case 500
Kubota L245 w/Mid Mount Mower
IH 986

LOADERS & FORKLIFTS
NH 425 Skid
(2) AC Model 50LPS
AC Model 50
AC Model C40X
AC 715 Backhoe
NH L445
AC 540
JD 170
Olive SOLD D Dozer
IH 4130 Skid

COMBINES
NH 995 with Grain and Corn Head
NH TR70 w/960 and 962W4
Gleaner E w/3 Heads
AC C II w/2 Heads
AC FKS2 w/430 Corn Head and 313 Flex Head
AC G440 Corn Head

PLOWS
AC 5 Bottom 18"
IH 4 Bot. mounted

FORAGE EQUIPMENT
IH 830 w/2RN
NH 919 N4
NH 890 W
Gehl Flail
NH 770R2
NH 890N3
NH 1890 Hydro C/A w/2 Heads, w/550 hrs.
NH 38 Chopper
NH 880 R2 Head
(4) NH 822 Corn Head
(2) NH 28 Blowers

MOWER CONDITIONERS
Hesston PT 10
NH 479
NH 1495 D w/12' Head
NH 1495 Plan.
NH 1469 SP 9'
(3) NH 489
NH 488
NH 490
NH 495
NH 1495 SP, 12' Hyd., C/A

WAGONS
NH 1003 Bale Running Gear
Grove Fg.
(2) Dion Fg. Wagons

PLANTERS
AC 7R Bean
(2) AC 600 4R no-till
AC 600 6R no-till

MISCELLANEOUS
Brillion STS 10 Trans. Harrow
Brillion 10' Pulvimulcher
NH 85 Bale Handler
NH 80 Bale Mover
1979 Ford Dump Truck
Buster Bar for Disc
Hub 48' Elevator
Gleancoe 7 Shank Soil Saver

LAWN & GARDEN
Simplicity w/Attach.
AC 712H w/42" Mower
AC 410
AC B10
AC Big 10
AC 720 5' Cut

BALERS
(2) NH 851 Auto Wrap
(3) NH 273 w/54A Thrower
NH 326 w/¼ Bale Chute
NH 320 w/58 Thrower
NH 320 w/70 Thrower
NH 315 w/Chute
IH 440
JD 466 Wire

MOWERS
Bush Hog Batwing
Ford 906 Rotary
Woods RM 48
(2) NH 451
(3) 462 Disc
NH 463 Disc
Vicon Disc

SPREADERS
NH 520 w/End Gate
NI 244 w/End Gate
NH 791
NH 519
NH 346
NH 329

RAKES
NH 256
(4) NH 258
(3) NH 260
(3) V-Tandem Hitch Ford
NH 158 Tedder

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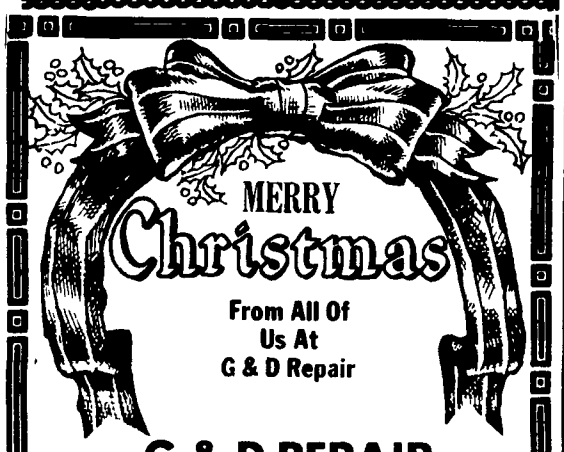
Case 1570 Tractor w/Cab, PS, Inexpensive Horsepower, Drastically Reduced
JD 3020 Tractor, Dsl., WF w/Loader
JD 3960 Harvester w/Controls
Papeac 180 Harvester w/2R C.H., 6' Pickup, 2R Snapper Head
JD 2RW Snapper Head w/Adapter Plate
JD 2RN Snapper Head w/Adapter Plate
Gehl CB600 Harvester w/2R Head & PU, $2,600
JD 7' Pickups for Harvesters
NI Tandem Axle Manure Spreader
MF 410 Combine w/4RW C.H.
JD 35 Harvester for parts

Plus many specials on used planters and other equipment



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JD 4440 Sharp
JD 5020 New Engine
JD 2840 Solid
JD 2510 Gas
MF 2705 w/Duals
JD 950 w/Loader
JD 7000 Corn Planter
JD 400 Rotary Hoe

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Specializing in John Deere But Will Also Rebuild Other Makes
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NEW EQUIPMENT
JD 1209 Conditioner
Bush Hog 1432 Disc Harrow
Century 500 gal. Sprayer
Walsh 200 gal Sprayer

USED EQUIPMENT
JD 40 Tractor
JD MT
JD B
AC WC
Ford 8N
NH 68 Baler
Bush Hog 306R Cutter
Ferguson 2x16 Plow
JD 3x14 Plow
JD 2 Bottom Plow for MT
Other Used Equipment Also Available

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TRACTORS
TW 30 Cab Duals, 2300 Hrs.
Ford 7700, 2WD w/cab
TW 15 w/cab
Ford 7700, 4WD, Less Cab
Ford 5610 Cab
Ford 356 Less Cab
Ford 4610
Int. 656
JD 4400 Combine, 13' Grain Head, 36" Row C.H.
JD 4020 Cab
Ford 5000 SOS Dsl.
Ford 4500 TLB
Ford 4000
Ford 1100 2WD
Ford 555 TLB, Cab
8 & 9 N's
Int. 350 w/Snow Plow
AC CA

EQUIPMENT
NH 489 Haybine
NH 315 Baler
JD 24T Baler w/Kicker
NH 717 Harvester
Ford 241 10' Disc Harrow
Ford 11 Tooth Soil Saver
Lawn & Garden Tractors w/Mowers & Snow Blowers.

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POWER TAKE-OFF GENERATORS

- New 40 KUA Brushless on Trailer, w/Shaft **$3,150**
- Reconditioned 25 KUA Brushless on Trailer, w/Shaft **$1,695**

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WANTED

Used Irrigation Pipe & Pumps

Send your Inventory and Price To:

EECO, INC.
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Harrisburg, PA 17110
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TRACTORS
Ford 555 LBH, Cab
Ford 9000 Cab & Duals
Ford 8600 w/Canapy
Ford 8000 w/Cab
Ford 4500 w/Loader
Ford 4400 w/Loader
Ford 3400 w/loader
Ford 6700 w/canopy
Ford 4200 10SP
Ford 335 w/Loader
Ford 3600 D.
Ford 3910 w/200 hrs.
Ford 3000 8 speed
Ford 2600 w/Loader
Ford 2110 LCG
Ford 2000 G, 4 SP
Ford 1000, Turf Tires
Ford 901 10 speed
Ford 801 LBH
Ford 801, Live PTO
Ford 801 w/Loader
Ford 800 w/Post Driver
Ford 601 w/Blades
Ford 8N w/Loader
Mitsubishi 210, PS
Satoh w/Mower
Satoh Elk
AC D15 3 pt.
AC CA w/equip.
IH 666 D., WFE
IH 504, 3 pt.
IH SH w/loader
IH Cub w/Mower
Case 580 Loader & Hoe
Case 830
JD 3020 D., NFE
JD 3010 D., NFE
JD 2840 w/Cab
JD 2240 w/Canopy
JD 60 PS, LPTO
MF 175 D 8 speed
MF 150 G, PS
MF 135 w/loader
Oliver S 55 3 pt.
JD 3300 Combine

YEAR END
KUBOTA CLOSE OUT!

(1) **L355 SS with L1720 Loader,** 4 cyl. water cooled diesel, 36 hp w/hyd. shuttle shift trans. w/4WD, 3 pt. hitch. Single remote, ROPS & sun shade. List $18,427. Close out price, $13,900. This tractor has rebate of up to $1,000 till end of year

(1) **L305 DT with 6' Woods brush mower.** 30 hp, 3 cyl. water cooled diesel, 4 WD, 3 pt. hitch, no ROPS. List $12,550. Close Out, $9,400

(1) **M5950 DT,** 61 hp, 3 cyl. water cooled diesel, 4WD, ROPS & sunshade, dual remotes, Catagory 1 & 2 3-pt. hitch, PAVT rear wheels. List $25,479. Close out, $18,650

All prices are no trade, FOB Bloomsburg, Pa.
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8.5% Fionancing til Dec. 31 '85
Call for prices on other tractors in stock

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[redacted] Super B gasoline - 3 phase; Ideal Metal Bin, approx. 250 bushel capacity. 717-286-6411 or 717-286-0215.

For Sale: 1983 JD model 8300 grain drill, good condition. Must sell. Call 717-273-5231 or 717-273-6748.

Combines & corn & grain headers at wholesale prices. Call Larry Stalter, "The Combine Man." 219-862-2151.

Farmall 400, PS, fast hitch, wide front, live PTO, remote hyd., T.A., in good running condition. 717-687-0102.

SNAP BEAN HARVESTERS-Chisholm-Ryder, 2 row IH 4-666s, 3-504s diesels & gas. Complete w/dump carts. Reasonable Some parts for Chisholm-Ryder Harvesters. 609-769-3183

TANKS-good used 500-800 gal. for fuel, culverts, etc. 215-356-5305

(1) CE Allis Chalmers farm tractor complete w/pulley, cultivators and turning plows. $1,200. 717-862-3658

NH 6 row 30" corn head, real nice. 301-795-8033

5' JD pull type rotary mower, $250.; Belt pulley for Ford tractor w/large shaft, $135.; Iron Age PTO sprayer w/wooden tank, $135.; 5" Endless belt, $75. 717-534-1253

Backhoe Ford 555, 1979, cab, good shape. 609-397-2786

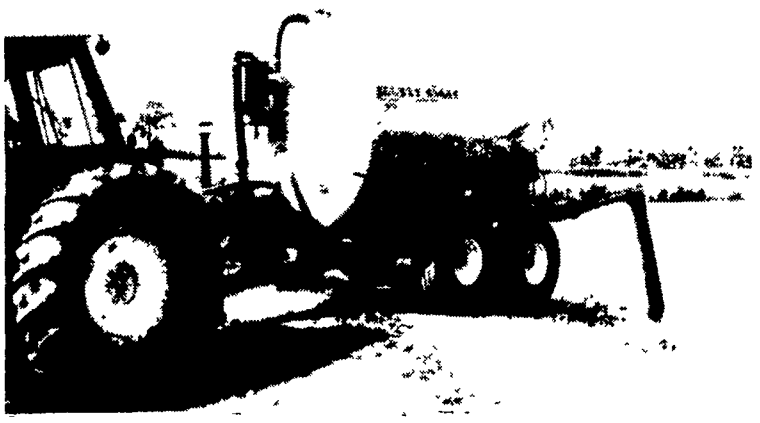
Case 1000 crawler loader, motor just rebuilt, fair to good u/c, G.P. bucket with teeth. $5,800. Ron Coover. 717-532-6540

Case 310 crawler transmission & differential case. $495. or Offer. 301-745-9408 after 7 p.m.

Used sawmills for sale We buy and sell. Leroy Wray, R.D 1, Douglassville, PA 19518. 215-385-3884.

WAGONS: Side dump Farmhand 3 and 5 ton capacity. 609-769-3183.

White 2-150 cab and air. 814-793-4293



2900 Gal. Tank w/Easy Loader

NOW (Patent Pending)

You can haul liquid Manure all day without getting off the Tractor Seat using the SLURRY BUGGY Easy Loader

1.) Back up to pit or lagoon. Lower easy loader (boom) from tractor (by hydraulic)
2.) Engage PTO Switch pump to vacuum
3.) Float level indicator shows when tank is full
4.) Stop PTO Raise boom and head for the field
5.) In field. Switch pump to pressure. Start PTO. Open Valve and unload

A liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

For more information call or write.

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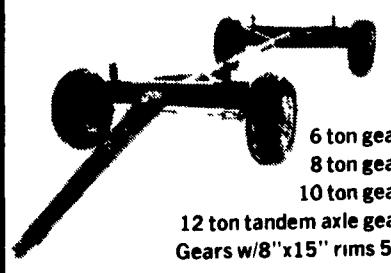
WAGON GEARS



6 ton gear $390
8 ton gear $440
10 ton gear $595
12 ton tandem axle gear $900
Gears w/8"x15" rims 5' tongue
5'-7' Adj. Tongue $30; 11L Tires w/Tube $50

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NEW SPECIALS

10 ft. Brillion Seeder $2995.00

NH L445 (DEMO) Skid Loader $12,995

COMING IN

NI 323 1-Row Picker
JD 3940 Forage Harvester w/Pickup and Cornhead
NH 1495 SP Haybine, Planetary Drive
NH 1495 SP Haybine, Hydrastatic Drive
Gleaner L Combine w/15' 4-Row Wide Cornhead

UNI EQUIPMENT

709 Uni Tractor w/Rear Wheel Assist, Fully Wgted
702 (Gas) Uni Tractor
760 Uni Chopper
762 Chopper Head (2 Row)
724 Stripper Head (3 Row Wide)
729 A Sheller
766 Pickup Head
844 N Cornhead
813 C[SOLD]Head
717 Combine

MANURE SPREADERS

NI 213 Manure Spreader
NI 245 Manure Spreader w/End Gate
NI 218 Spreader w/Hyd. Endgate
NI 206 Ground Drive Spreader
Starline 930 L.H. Tank Spreader

COMBINES & CORNHEADS

1976 KKS Gleaner Combine w/10 ft Hdr.
1974 300 M.F. Combine w/10 ft
AC 238 (2 Row) Corn Head
M.F. Qt. 24 Corn Head
MF 322 Corn Head (3 Row Wide)

USED TRACTORS

A.C. 6080 Fully Weighted
JD 620 Tractor

HAY EQUIPMENT & FORAGE

NH 1495 [SOLD] Planetary SP Haybine
NH 495 (12 ft.) Haybine
NH 489 Haybine
NH [SOLD]vbine (7 Ft.)
NH 4[SOLD]ine
NH 488 [SOLD]e
JD 1219 Haybine
NH 469 Haybine
NH 1495 Hydrostat with Air
NH 320 Baler w/No. 70 Thrower
NH 320 B[SOLD]#75 Thrower
NH 1010 Automatic Bale Wagon
NH 770 R-2 Chopper Head (2 Row Wide)
NH 880 N-2 Corn Head
890A, 890W, 890-N-3 (3 Row Narrow Chopper Head)
NH Super 23 Forage Blower
NH 27 Forage Blower
NH 717 Super Forage Chopper
NH 890 Forage Harvester
Int. 650 Forage Harvester
Hesston PT10 Haybine
Hesston 1010 Hydroswing Haybine
Int. 430 Baler
Fahr 17 Ft. Hay Tedder
MF #12 Baler w/Thrower
717W Pickup Head
741 1 Row Chopper Head

MISC.

NH 352 Grinder Mixer
450 Art-Way Grinder Mixer
731 Bobcat Skid Loader

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USED EQUIPMENT

TRACTORS

Hydra Mac 35HP	IH 674D	AC G w/cult	IH 400D
IH 3300 Gas, 60" Bkt	IH 784D	IH cub w/mower	IH 400 Gas Tractor
IH 706 gas	IH Hydro 84D	IH 1256D	IH BN Gas
IH 656	IH 584D	IH 504 U w/2000 Loader, Orchard Fenders	IH 460 Gas
IH B414	IH 560D		Case 1845 D Skid Loader

BALERS

Hesston 10 Stacker
IH 440 w/thrower
NI 456 Round
JD 24T w/launch
IH 37
IH 430 w/throw
OMC 595 Round
NH 851 Round

BLOWERS

JD 66-60"
Gehl 99-56"
Papec 54-54"
IH 56-56"
Kools KB60-60"
NH 30-30"-1000 PTO
Supreme 56-56"

CULTIVATORS

Oliver-3pt-2row
Pittsburgh-3pt-2row
JD-3pt-2row

ELEVATORS

Mayrath-36ft auger
Smoker-24ft
NH-24ft

FLAIL CHOPPERS

BearCat 72A-72"
Gehl 72-72"
JD 16A-72"
JD 27-14foot Shredder
Brady 722-6ft
Brady 1440 12ft Shredder
Brady 608-80

FORAGE HARVESTERS

Fox 546
IH 555
Gehl 600
Papec 180
Fox 3000
NH 880
Fox 2000
IH 830
IH 15

20% Discount on Toys & Tools

PICKERS

NI 10-1row
NI 311-2 row
IH 2MH-mounted
NI 323-1row

HARROWS

Nieymeyer Power
IH 401-Sp tooth
IH 47 disk-13ft
JD WRA disk-13'6"
IH 9A-9ft
IH 350 disk-10ft
IH 475 disk-12ft
JD KBA disk-8ft
IH 37 disk-8ft
IH 470 disk-8ft
IH 470 disk-12ft
IH 19Bdisk-7ft
Brillion 10ft-packer
10' Bush Hog Wheel Disc

COMBINE & UNI

766 Harvester
710 Combine
729A Sheller
770 Adapter
766 Hay Pickup
730, 4RW
768, 3RWN
735, 3RN
725, 3RN
734, 3RN
IH 1440 Combine
844, 4RW
IH 843, 4RN
IH 810, 13' Platform
IH 715-gas
IH 303-gas
Case 600-gas
JD 30 pull type
702 Diesel

MISCELLANEOUS

OMC 117 Grinder Mixer
Anderson Rock Picker
Windpower Alt. 45/25
Uebler 770 Feed Cart
Gandy 8' Fert. Spreader

GRAIL DRILLS

Tye 80-3pt
Ontario-16x7
Oliver-13x7
JD FD-17x7
Hay Buster-10ft
JD FBB-15x7
IH #10-16x7 DDO
IH 16x7 Combination

TILLAGE

Glencoe 12'6" Soil Finisher
P&M 10'3" Cultimulcher

MOWERS

Oliver-3pt-7ft
NH 450-7ft
Bush Hog Rotary-9ft

WINDROWER

AC 904-9ft
Gehl 108-9ft
IH 1190-9ft
OMC 229-9ft
NH 489-9ft
IH 990
NI 272
Gehl 440
IH 225

To Our Loyal Friends, Both Old & New, Our Best Wishes For A Merry Christmas & A Happy New Year

RAKES

NH 57R-5bar
Farmhand-5wheel
Lely V8-9wheels
Vicon-4wheels
Farmhand-2wheel turner

SPRAYERS

Demco 500 gal
Century 300 gal
Walsh 200 gal
Walsh 500 gal
Walsh 300 gal

FERT SPREADERS

Lely 2500 trail

MANURE SPREADERS

NI 218
NI 213
NI 212
Hawkbilt 357
Hawkbilt 207
Hawkbilt 157
NI 224
IH 550
NH 790
Starline 930
NH 519
IH 595
JD 54
Hesston 1440 tank
NH 676S
NH 365
NH 791
Badger 205

PLOWS

IH 710-4x16 auto
JD 345-4x16-auto
IH 450-4x16-auto
AC 2x12 trailing
AC 4x16-auto
Brady 700 ch.11'
Case 3 pt Chisel
Case 5x16
Kasco Chisel-9'
Ford-4x16, 3 pt
Long-3x16
IH 700-5x16 auto

PLANTERS

IH 800, 4R Corn Planter
IH 800, 6RN Corn Planter
IH 400 cyclo
IH 56 plate
JD 7000-6rn
White 543, 4RN
Ford 311-4row
IH 455-4row
JD 494A-4row
IH 449-4row
AC 600-4row-air
IH 800-6rn-cyclo
JD 1440-4row

WAGONS

Grove 16ft
Badger 14ft
IH 51-16ft
Cobey 51
NH 6-14ft
Calhoun 620-14ft
Gehl 610-14ft
Gehl 920-16ft
Gehl 910-14ft
Artsway 16' Forg Wagon, 3 Beater, 12T Tandem Running Gear
18' Bale Wagons

REAL NICE EQUIP COMING IN
Brady 722 Flail Chopper
Hawk Built 207 Manure Spreader
NI 245 Manure Spreader
Ford 3000 Tractor w/Loader

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GREENCASTLE, PA 17225
(717) 597-3138

CARLISLE FARM SERVICE
260 YORK ROAD
CARLISLE, PA. 17013
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case IH

"The Best Of Two Worlds"

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Farm Equipment Is Our Business
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Early Riser Planters

CASE IH 4 ROW 800 EARLY RISER PLANTER

One Only

A Real Good Year-End Buy!

GET THROUGH TOUGH CONDITIONS

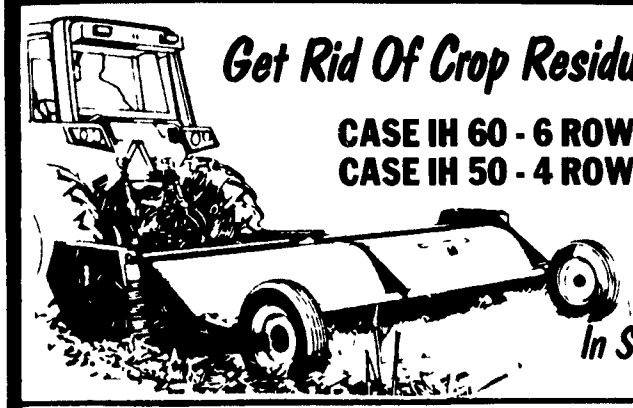
Need To Chisel?
Need To Haul Manure On Wet Ground?

Try The
CASE IH MODEL 3294 4 WD TRACTOR
162 PTO HP
Call For Demo

On Display:
- **MODEL 2096 2 WD, 110 HP**
- **MODEL 2294 2 WD, 131 HP**

Get Rid Of Crop Residue In A Hurry!

CASE IH 60 - 6 ROW SHREDDER
CASE IH 50 - 4 ROW SHREDDER



w/4 Wheels & Shear Angle For Finer Shredding

In Stock, Ready To Go!

TIME'S RUNNING OUT FOR 1985 TAX INVESTMENT CREDIT, ETC.

Indications Are That This Will Be The Last Year For Tax Investment Credit. Don't Miss Your Chance To SAVE!

GOOD CLEAN USED EQUIPMENT

PLANTING & SEEDING
- IH 400 Planter w/Liquid Fertilizer, 4 Row
- IH 400 Planter, 6 Row w/Dry Fert
- Ontario Grain Drill 16x7

TILLAGE
- Oliver 4 Row Cultivator
- IH Model 450 Plow
- 7 Tooth Glencoe Soil Saver
- IH 720 Plow 5 Bottom 18 w/Hillside Hitch

SKID LOADERS
- NH L775 Diesel w/Backhoe
- Case 1737 w/Bucket & Manure Fork, Good Condition ONLY $3,950
- NH L425 w/Bucket
- IH 3200 Skid Loader w/2 Buckets

SPREADERS & GRINDER MIXERS
- NH 519 Spreader w/Top Beater Gate, Splash Guard
- NH 676 Spreader w/Hyd Gate
- NH 512 Single Beater
- NI 214 Spreader /Double Beater, Original Paint On Floor - Like New
- NH 790 Spreader w/Hyd Gate
- NI Tandem axle w/Top Beater, Ex Condition ONLY $3,850
- Hawk Tandem Axle 357 Tank Spreader, Hyd Lid Openers
- JD Tank Spreader, Single Axle w/Hyd Lid Openers

TRACTORS
- Farmall 460
- IH 350 Fast Hitch
- IH Farmall Cub w/Mower
- IH 2444 w Loader
- Ford 30 w/Mower
- IH 574 w/Loader Ex Condition
- IH 500C Crawler Diesel w/Bucket Ex Cond

MISCELLANEOUS
- NH 960 Grain Platform 13'
- 1 Pr Dual Wheels & Tires 31x5 15-x15 8 Ply
- 1 Pr Dual Wheels & Tires, 18 4x26 6 Ply

NH 1495 SELF-PROPELLED HAYBINE W/CAB

Air, Hydrostatic Drive, Diesel Engine, Excellent Condition.

HAY & FORAGE
- NH 275 Baler w/Thrower
- IH #40 Shredder 4 Row
- NH 2 Row Snapper 30' Rows
- NH 718 Chopper w/Head
- IH 56 Blower
- IH 555 Forage Harvester w/Cornhead & Pickup Attachment
- NH 269 Baler
- NH 320 Baler w/Thrower (Ex Cond)
- NH 489 Haybine
- NH 852 Round Baler, Auto Tie, Excellent
- NH 273 Baler w/Thrower
- Studebaker Truck w/No 8 Forage Wagon
- Hesston Mower Cond 9 Ft Cut, Ex Condition
- (2) #8 Forage Box Wagons
- JD 60 Blower
- NH 238 Tandem Axle Wagons
- AC Forage Box
- Used Field Queen Self-Propelled Harvester, Cat Diesel w/Cab, 3 Row Head & Hay Pickup Head, Good Cond

TOP OF THE LINE USED EQUIPMENT
- Walsh 300 Gal. Trailer Sprayer w/Boom (Used 1 Time) ONLY $1,350
- 7 Tooth Glencoe Soil Saver, Ex.
- Brady 12 Ft. Field Cultivator

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

We're Overstocked... This Equipment Must Be Sold Before End Of Year

NH MODEL 791 SPREADER

- 360 Bushel
- Extra Heavy Pintel Chain

Two In Stock

Waiver of Finance Till September 1, 1986

Pay Cash And Deduct $400

NH MODEL 499 MOWER CONDITIONER
With 12 Ft. Hydra Swing

Don't Miss It...

Selling At An Old Price

Plus

WINTER BUYER'S DIVIDEND OF $600

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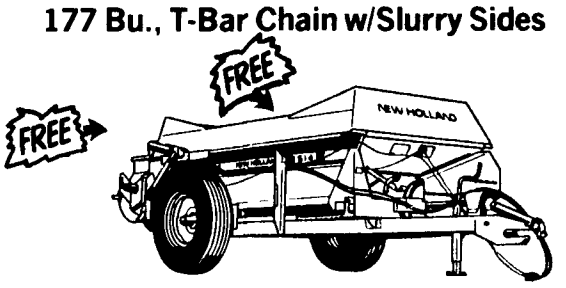
177 Bu., T-Bar Chain w/Slurry Sides



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Receive FREE Slurry Sides & Hyd Endgate or FREE Upper Beater & Hyd Endgate w/Purchase Value $1,335

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NH L555 LOADER
42 H.P. Diesel Demo Unit
- Extra Reach Boom
- More Stability
- Less Spillback

Priced Too Low To Advertise!

0% Financing For 12 Months Or Pay Cash & Deduct $900

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0% FINANCING FOR 24 MONTHS
- Waiver of Finance On All New Hay & Forage Equipment Till July 1 or Sept. 1, 1986
Spreaders & Grinder Mixers Till Sept. 1, 1986

OR • Big Cash Rebates
OR • 0 % Financing - 12 Mos. • 8.9% Financing - 36 Mos.
• 7.9% Financing - 24 Mos. • 10.9% Financing - 48 Mos.

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Special Price On Spreaders

NH 329 NH 679
NH 520

Special WBD Winter Buyer Program

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NH 479 Haybine

1955 Oliver Used Tractor

White 256 Disc

OMC 342 Skid Loader

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544 IH Utility Hydro. Tractor, 1800 Hrs. AC complete 4 wheel attachment to fit 6080, excellent condition.

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Deutz 130-06, 1976 model, 3200 hours, tires 80% tread with cab and in real good condition, $8,200
Farmall 856 gas, narrow front, good condition, $3,950
IH 756 diesel, wide front end, 3 pt hitch, good clean tractor
IH 1066 cab, solid tractor with rebuilt TA, dual hydraulics, dual PTO, $8,200
Farmall 656 diesel, 3 pt hitch and TA

Delivery available anywhere

JOHN DEERE bobcat®

BACKHOE LOADERS

Ford 555 Tag 5057, 1978 Rops, Cab, Heater, Lights, 18" Backhoe Bucket $19,000
John Deere 310A, 1978, Cab, Tag 1936. . . . . $20,000
Ford 4500, 1975, Cab, Tag 2485. . . . . $11,000
IH 270A, 1979, ROPS, Canopy, Needs Trans. Work, As Is $9,500
IH 270A Tag 5072, 1979, ROPS, Cab, Excellent Condition . . . $14,000

CRAWLERS

JD 350C Wide Track LGP, New Undercarriage, Excell. Cond. . . $26,000
JD 350B Crawler Dozer, 6 Way Blade, Rops Canopy, Tag 1716, Completely Rebuilt $18,000

SKID STEER LOADERS

Bobcat 610, 1977, Reconditioned, Standard Tires $4,400
Bobcat 643, 1983, 900 Hours $8,500
Bobcat 843, Late Models, 6 To Choose From, Low Hours . . . . . Call For Price

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LCL Construction Equipment
2590 Unionville Pike
Hatfield, PA 19440
(215) 362-2510 (215) 242-5757

USED EQUIPMENT

SPREADERS
NH 365 Tank Spreader
NH 791
NH 510
NI 208 Spreader
JD 40 Spreader
JD 790 Tank Spreader

HAY & FORAGE
JD 510 Round Baler, Excel
NH 282 w/Thrower
NH 268 w/Thrower
IH 47 & JD 24T Balers
JD 38 & 35 Harvesters
NH 880 Harvester w/Grass & 2 Row Corn Head
(2) JD 216 Forage Wagons
JD 65 Blower
JD 1209 Mower-Conditioner

LOADERS
JD 260 Loader
(D14 [illegible]

TRACTORS
JD 2940, 3020, 4000 & 4020
JD 4240 SGB, QR
JD 3010 w/148 Loader
Farmall 460 w/Loader
JD 4240 P.S., Low Hrs., SGB Loaded
Set of 34" Duals

TILLAGE
JD 3 BT 14" Plow
IH 8 ft Disk
JD KBA [illegible] Disk
JD HBA 7 Ft. Disk
Oliver 4 BT 16" Plow
Case 3 BT
JD 1600 8 Tooth Chisel Plow

PLANTERS
JD 1440 No-Till
JD 1300
JD 494 A
IH 13 Disk Grain Drill

NI 311 2 Row Pull Picker
NI 2 Row Mounted Picker
(2) Gravity Bin Wagons
Walsh Sprayer

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John Deere Sales & Service

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Vicon Vermeer

NEW VERMEER EQUIPMENT

(1) 605J Auto. Weave (Deluxe)
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill (Rental)
(1) 23' Twin Rake (Demo)
(1) 605H Baler, was $9,000—Now reduced To $8,000!
(3) 4-Basket Tedder Rakes

NEW VICON EQUIPMENT

(3) KM 321 Mower Conditioners 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(1) KM 240 Mower Conditioner 7' 10"
(4) Vicon Square Balers
(2) Single 4 wheel Rakes
(12) 100-500 gal. Sprayers w/elec. & manual controls & ground drive pumps
(3) 3 pt. Disk Mowers
(3) 1210 Round Balers
(1) 8-Wheel V-Rake
(1) 6-Basket Tedder, 20 Ft.
(20) Fertilizer Spreaders
(2) 4-Basket Tedders

USED EQUIPMENT

(1) Vermeer 605F Balers, $6,250
(1) Vermeer 605E, $3,400
(1) Vermeer 504G, $6,500
(1) Vermeer 6050 Baler
(2) CM 240 Disc Mowers (Demo)
(1) Vermeer 403F Baler, $5,200
(1) IH 225 Swather, Self Propelled
(1) 9 ft. NI Cutditioner
(1) NH 65 Baler

Special 2 Used Tye No-Till Drills 80 inch 3 pt Hitch $2,200 ea.

Badger JOHN DEERE HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
MF 135 w/loader
MF 65 Gas
MM 445 w/loader
JD 2550 w/cab
JD 2640 w/15 5x38
JD 2940
AC 190XT Series III
Case 1816B Skid Loader
JD 5400 SP Harvesters
IH 154 Lo Boy w/Mower
Ford NAA Jubilee
Farmall M

MISC. EQUIPMENT
Chromalloy Tank Spreader
JD 205 3 pt Rotary Mower
Ford 5' 3 pt Rotary
JD 145 Loader
16' Harvest Handler Elevator

TILLAGE EQUIPMENT
10' Miller Disk
White 18' Wing Disk
Oliver 10' Disk
JD 8' 3 pt 'Y" Disk
Pittsburg 9' Disk
JD 325 3 btm plow
JD 350 4 btm plow
JD 125 4 btm plow
JD 1-btm plow to fit M
JD 345 4 btm plow

PLANTING EQUIPMENT
JD 7000 4 Row Wide
JD 449A Planter
JD FB-A 17 7 Grain Drill

Dec. Special
New Badger 220 Bu Spreader $3995.00

OTHER NEW EQUIPMENT SPECIALS

Badger 7' Mower Cond. $6200.00
Henke 1000 RPM Blower $2700.00
Badger 540 Blower $2650.00
Badger 1000 RPM Blower $2550.00
Glencoe 15½' Field Cult. $2875.00
Glencoe 12½' Field Cult. $2525.00
Koykor 35' PTO Auger. $1350.00

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Discount applies if:
1 Invoice is paid within 10 days of billing
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3 The work must be performed in our shop

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CASE 430 Diesel . . . . . SOLD . . . . . $ 2,895
CASE 1212 w/Power Shift . . . . . $ 7,900
CASE 1410 w/Loader $10,200
IH 656 w/Loader . . . . . $ 7,000
IH 656 Diesel . . . . . $ 7,000
IH 1468 w/Cab . . . . . $ 9,900
JOHN DEERE 4020 . . . . . $ 9,800
JD 70, Excellent Condition . . . . . $ 3,200
MASSEY FERGUSON 1100 . . . . SOLD . . . . . $ 3,495

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Gehl CB600 w/2 Row Head & Pickup . . . . . $ 2,500
Gehl CB600 w/2 Row Head & Pickup . . . . . $ 2,000
Gehl CB600 w/2 Row, 3 Row & Pickup . . . . . $ 3,250
MF 260, 2 Row, 1000 PTO . . . . . $ 1,800
JD 35, 1 Row, 2 Row & Pickup . . . . . $ 1,995
Gehl CB800, Hyd. Sharp SOLD Remote Control . . . . . $ 2,975
Hesston 7655 Side Dump, Like New $48,200
NI Super Sheller, Extra Narrow Row . . . . . $ 5,400
IH 205 Combine, 13' Head, 3 Row Narrow . . . . . $ 5,000

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Case 1737 . . . . . $4,500
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Case 580C Backhoe Loader w/Cab $19,500
Case 580C Backhoe Loader w/ROPS $17,500
Case 580C Backhoe Loader w/Cab $18,000
Int. 260 Industrial Loader, Hydrastatic Drive $10,500
Gehl 4500 Hydrastatic Drive $6,800

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Rental Equipment	List Price	Sale Price
Badger 5180 Gal. Tank	$18,100	$13,946
Badger 3350 Gal. Tank	$11,495	$ 8,920
Badger 3350 Gal. Tank	$11,495	$ 9,820
Badger Injector	$13,427	$ 6,630
Badger Injector #5	$11,195	$ 6,500
Badger Injector #6	$11,195	$ 8,575
Badger VAC. Tank 1500 Gal.	$ 8,120	$ 5,350
Badger VAC. Tank 1500 Gal.	$ 8,485	$ 6,615
Badger VAC. Tank 2300 Gal.	$11,050	$ 8,378
B/W 3330 Gal. Spreader	$ 9,600	$ 5,580
Badger PIT Pumps		
12 Ft.	$ 4,610	$ 3,360
10 Ft.	$ 4,286	$ 3,365
10 Ft.	$ 4,486	$ 3,737
8 Ft.	$ 4,340	$ 3,620
6 Ft.	$ 4,300	$ 3,650
Badger Lagoon Pump	$ 6,080	$ 3,375
W.C. Lagoon Pump	$ 9,485	$ 7,360
Badger Agitator	$ 2,180	$ 1,400
Badger Forage Wagons 16 Ft.	$ 9,450	$ 7,672
Badger Forage Wagons 16 Ft.	$ 9,450	$ 7,985
Badger Forage Wagons 16 Ft.	$ 9,450	$ 8,292
Badger Forage Wagons 14 Ft.	$ 7,030	$ 4,713
International Wagon		$ 1,300
Badger Forage Blowers #1018	$ 3,000	$ 1,766
Badger Mower Conditioner	$ 9,675	$ 8,570
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Badger Ear Corn Mill	$11,000	$ 7,400

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JD 4250, PS, SG, MFWD
JD 4250, PS, SG
JD 2350 MFWD
JD 1450
JD 3950 Fg Harv
JD 327, 337 & 347 Balers
JD 530, 430 & 330 Rd Balers
JD 7000 4 & 6R Consv Planter
JD 215 Disc
JD 8300 18x7 Drill
JD 716A Fg Wagon

USED JOHN DEERE
JD 3020 Low Profile
JD 3010 Tractor
JD 2940
JD 2940 w/MFWD & 260 Loader
JD 1530
JD MT w/cultivators & plow
JD 300 Husker w/2 Heads
JD 830 Mower Conditioner
JD 1326 Mower Conditioner
JD 2RN & 2 RW C H
JD 336 Baler
JD Transport Disc
JD 216 Fg Wagon

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NH 326 & 311 Balers
NH 849 Rd Baler
NH 489 & 499 Haybines
NH 555 Skid Steer Loader
NH 900 Fg. Harvester
NH 302 & 307 Spreaders

USED NEW HOLLAND
NH 495 Mower Conditioner
NH 1495 SP Haybine
NH 479 Haybine
NH 2R Snapper Head for Fg Harv
NH 258 Rake
NH 26 Blower
NH 329 & 518 Spreaders

OTHER NEW ITEMS
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower
Bobcat 743 & 843
H&S 295 Spreaders
Demco Sprayer 600 gal.

OTHER USED ITEMS
Hawk Built Tandem Tank Spreader
NI 208, 214 & 217 Manure Spreaders
White S400 6RN w/no-till
IH 1190 Mower Conditioner
Hesston 1014 & 1090 Mower Conditioners
Owatonna 235 12' Swing Tongue Mower Conditioner
Ford 530 Baler w/Thrower
Fox 3000 Harv. w/Heads
Case 1845 Dsl. Skid Loader
Dion Fg. Wagon

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Shippensburg: 717-532-6951

bobcat

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JD 750 2WD & 4WD
JD 850 4WD
JD 950, 2WD & 4WD
JD 1050 2WD & 4WD
JD 2150
JD 2350
JD 2950 MFWD
JD 4050 SG, QR
JD SOLD G, PS
JD 4450 MFWD SG, PS

OTHER EQUIPMENT
JD 1065, 1075 & 1275 Wagon

HAY TOOLS
JD 1219 Mower Conditioner
JD 430 Rd. Baler
JD 327, 337 Balers
NH 316 Baler

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JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 1000 3B Plow

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6R
JD 8200 21x7 Plain Drills

COMBINES & HEADS
JD 643 Corn Head

USED EQUIPMENT
IH 966 Tractor ACWD
JD 3300 Combine
JD 237 Picker
JD 16' Grain Platform
Gehl 600 Forage Harvester
AC K2 Combine
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
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Tractors: Moline w/loader; Cub w/mower & blade; Super C w/mower, Pony w/mower & cult.; MF 35 tractor; Silver King tractors.

Transport Feed Mixer, 26' Transport 6" Auger. Rosenthal Husker Shredder, 10' Roller Harrow, 3 pt. Saw, Chisel Plow, 1, 2 & 3 bottom plows, Hammermills, V snow plows, 2 & 3 pt. blades, blade for 140 or Super A, PTO & belt drive corn sheller, Gehl Flail Chopper, Gehl Mix-All, post drive, 3 bottom 450 auto. plow.

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All Steel Frame Hay Wagon, 8x18
All Sizes, Steel Hay Feeders
24' Feeder On Whls.
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TW5 105 PT HP
7710 86 PTO HP
4610 FWD 52 PTO HP
3910 42 PTO HP
1910 28.5 PTO HP
1210 16 gross HP

Farmhand Hawk Bilt 217 Manure Spreader

Ford 240 Transport Disc 10'3" Cut
Specials on Ford 930 Rear Mount Mowers And AMCO 17 Series Disks Call For Prices

Myers Forage Boxes

300 & 500 Gal. Century Spreaders Available For Immediate Delivery

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710 Combine For NI Uni System

Hawk Bilt Spreader 2155 Completely Rebuilt

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IH 4500 12' V.S. Field Cult.
IH 5509 3 pt. Chisel Plow
IH 5511 3 pt Chisel Plow
IH 475 12' Disc Harrow

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IH 800 4R Plate Planter
IH 800 4R Air Planter
IH 5100 16x7 Plain
IH 5100 18x7 Plain

NEW MATERIAL HANDLING
IH 540 Spreader
IH 560 Spreader

NEW HAY & FORAGE EQUIPMENT
IH 435 Baler w/Thro
IH 86 hay Rake
IH 1190 Mower Cond. 9'
IH 3450 Round Baler

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IH 1086 w/Cab	$20,950	Cultipacker 9'	$300
IH 986 w/Cab & Duals	$19,500	McCon. 16' Trans. harrow	$1750
IH 684, very good.	$8500	IH 531 3F 14" 3 pt. Plow	$475
IH F-706D, tri. frt. 2 pt	$6950	IH 540 4F 16" Plow	$1150
IH F-400 G	$2250	IH 550 5F 16" Plow	$1250
IH Super M w/loader	$1850	IH 55 11' 2R 3 pt. Chisel	$875
IH F-460D w/2 pt.	$2350	IH 710 5F 16" Plow w/Cyl.	$2250
Dual Whl. attach. 18.4x38 w/tires	$750	E-Z Flow 12' Fert. & Lime Spreader	$650
Dual Whl. attach. 18.4x34 rims	$650	IH 510 SD 16x7 Drill	$3500
IH 843 4R Narr. Cornhd. (coming in)		JD FB 13x7SD Drill	$850
IH 810 13' Grain Hd. (coming in)		IH MF SD 13x7 Drill	$300
Oliver 18 Pull Combine	$650	AC 4R No-Til Planter	$1650
NI 323 1R Corn Picker	$2650	IH 56 4R Planter	$950
IH 46 Baler w/Thro	$1250	IH 400 4R Planter	$950
Gehl CB 600 Forage Harvester w/hds	$3850	IH 400 6R Planter w/Insect	$1750
IH 61 Forage Box w/roof	$1150	Brady 650 Grinder Mixer	$1150
Pitts. 12' disc harrow	$1950		

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E-Z Trail 8 ton running gear w/tires & QK-hitch $900
E-Z Flow 170 bu gravity bed $600

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14 to 33 HP

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IH 4568 4WD
IH 460 w/3 btm. plow, fast hitch
IH 544 w/loader, 3 pt. hitch, PTO
JD 301A w/sickle bar mower, 3 pt., PTO

Construction Equipment

Backhoes
IH 3400 full cab, hydro, needs trans. work
IH 3500
IH 260, 4 to choose from, 1978-1981
JD 300B w/factory ROPS
JD 410 w/extend-a-hoe
MF 50C
Case 580

Crawlers
JD 350B w/forks
IH TD15B, power shift w/angle blade
IH 125E w/4 in 1 Bucket

Skid Steer Loaders
(2) Prime Movers L1200, late '84's, less than 200 hrs. each
JD 14
Hydro Mac, propane powered

Inventory Changing Daily
Call For Current Prices
Ask For Rick Kammann
Day 301-335-4189
Evenings 301-335-5920

Happy Holidays

Festive greetings are coming your way, along with our heartfelt thanks

FORRESTER FARMS
1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

Ford Jubilee w/Loader
Ford 8N
Ford 901 w/loader
(3) Ford 2000
(6) Ford 3000
Ford 3600
Ford 4000 1966
Ford 4000 1968
Ford 4000 4WD
Ford 4100
Ford 4100 w/Cab
Ford 4610
Ford 4610 4WD
(2) Ford 5000
Ford 5000 SOS
Ford 6610
Ford 6610 4WD
Ford 7000
Ford 7400 4WD & DP
Ford 7600
Ford 7600 w/cab & DP
Ford 7700 w/cab & DP
Ford 8200 4WD 110 h p
Ford 9700 cab DP
Ford TW15 w/cab & air
Ford TW20
JD 2130 1975 w/cab H 4WD
JD 2130
JD 3040 Mech 4WD
JD 3040 w/cab
JD 3130
(3) JD 4040 2WD
JD 4240 4WD cab & air
JD 4440 2WD
JD 4440 4WD
IH 856
IH 330 Utility
Case 2090 2 WD w/cab & air
Case 2290 2WD w/cab & air power shift

New MT 160, 4WD
New MT 160 4WD w/loader
New MT 210, 4WD w/loader

We are now your authorized Mitsubishi Dealer

We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., ¼ mile off Exit 8 on 696 North.

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5.00 Mon.-Fri.
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RISSLER FORAGE MIXERS

5 Sizes Up To 230 Cu. Ft. Capacity

- Fast 2-3 Minute Mix Time
- Low Power Requirements
- Beam Or Dial Scales

Buy Direct & Save

We're In Business For The Farmer

I.H. RISSLER MFG. CO
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WISCONSIN ENGINES

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AVCO VM Diesel

MILLER'S REPAIR
1 Mile North of Bird In Hand
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Save On The Best Heavy-Duty Quality
SAVE $1,000 ON EACH UNIT
SHOWN BELOW! Check This Column For New And Used Knight Spreaders.

Look At This...
Unload Your Liquids Faster, Just Raise The Dump

Featuring Copper-Bearing Steel To Resist Serious Rusting

KNIGHT
"350 & 410 SOUPer SOLID" MANURE SPREADERS IN STOCK w/HYD. LIFT

The Growing Number 1! No Ratchets Or Belts To Trouble You

The combination of the hydraulic tilt, hydraulic rear gate, and lower spinner beater allows for a controlled spread and fast unloading

Wide spreader beaters are made of heavy auger type with ripper prongs which eliminates chunks of unpulverized manure piles laying around in the field.

- **NEW KNIGHT 252** Regular Type w/Top Beater, Lower Spinner Beater For Fines or Slop, Hyd. Endgate, Single Axle Undercarriage. One Only

~~$5,835~~ **$4,835**

- **NEW KNIGHT 350 SOUPer SOLID** w/Tandem Axle, 3 Beaters (Including Widespread, Lower Spinner Beater For Fines or Liquid Slop) & Optional Top Beater

~~$7,985~~ **$6,985**

- **ALMOST NEW KNIGHT 350 SOUPer SOLID,** No. 1425 w/3 Beaters, Tandem Axle, Liquid Endgate, Traded On Vacuum Unit

~~$6,800~~ **$5,800**

- **USED KNIGHT 350 SOUPer SOLID** Tandem Axle w/3 Beaters, Liquid Endgate, Approx. 4 Yrs. Old (Traded For New Slinger Type Unit)

~~$5,990~~ **$4,990**

- **NEW KNIGHT MODEL 410 SOUPer SOLID** Tandem Axle Made Of Heavy Duty 10 Gauge Steel Floors w/Heavy Duty Frame, Lower Spinner Beater, Wide Spread & Top Beater, Liquid Endgate, Mechanical Drive, Serial #403

~~$8,915~~ **$7,915**

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Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
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RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

2094 Case Tractor
With Cab, Nice, Radar Equipped
20.4x38 Rears 11 00x16 Fronts

2094 Case w/cab
234 4WD, auto.
475 disk, 17'5"
16x7 comb. drill
370 disc, 11'6"
720 auto. reset 5 btm
800 Cyclo planters, 4R
IH 5500 trailing chisel plow 10'
IH 5500 mtd. chisel plow, 9'
IH 5500 mtd chisel plow, 7'

USED EQUIPMENT

#475 Disc 17' 5"
22" Notch Discs,
Used One Season

IH 1256 Tractor
500 Crawler R/C
666 Farmall G
Farmall H
Farmall C
Farmall SC w/Cults.
Massey GF22 Tractor
154 LoBoy w/Mower
Haines bulk bodies
Massey Harris drill 16x7
Potato planters
Case 230 Baler
Gehl CB 400 Forage Harvester 1 Row Corn Head, Hay Pickup
Iron Age potato planter, 2 row
IH forage blower
Holland transplanter
IH 45 Baler
IH 710 3-btm auto trip
IH 4 btm semi-mtd plow
Haines Stone Pickers
(2) IH 234 Corn Pickers
NH #352 Mixer
IH 1150 Grinder-Mixer
JD 7000 Corn Planter
IH 456 Corn Planters
Int. #16 Forage Harvester
Lilliston Rotary Mower

Case 680 B Backhoe
Christmas Special!

case IH

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Low Rate Financing or
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RD 1, Ringtown, PA
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Since 1949

HORST GROUP / power pro equipment

Take Advantage Of The Investment Tax Credit On These
NEW EQUIPMENT SPECIALS

Kasten 325 Bu. Manure Spreaders w/Gratz Chains, Tandem Axle & Hyd. Engine, 10 Yr. Warranty On Bed & Chain. . . . **Unbelievable Price**
Badger Manure Spreader, 270 Bu. Capacity w/Tires, Hyd. Drive, Hyd. Endgate, Gratz T Bar Chain $4,400

USED EQUIPMENT

OMC 440 Skid Loader, Hydrostatic, Gas, SOLD Condition
OMC 440 Diesel Skid Loader. New Flotation Tires. A Real Good Machine
OMC 207 Mower-Conditioner
Ford 3 Pt. Hitch Round Bale Mower w/Cyl. For Stacking Or Unrolling
Weaverline Feed Cart 24 Bu. New Batteries
IH 3200 A, 30 H.P. Skid Steer
IH 550 Manure Spreader w/Hydraulic Endgate & Upper Beater
NH 216 Manure Spreader
NH 216 Manure Spreader
NI 213 Manure Spreader New Web, Good Condition
Dunham-Lehr Model 22 Loader, Fast Attach.

If You Are Looking For A Good Skid Steer Loader - Give Us A Call
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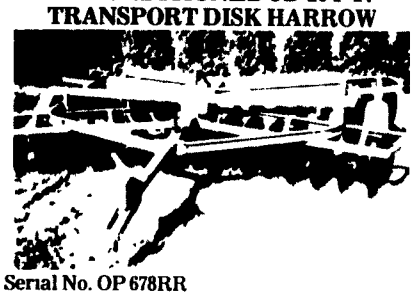
DEUTZ ALLIS OMC

TAKE 5% OFF PRICES SHOWN BELOW ON THESE USED MISCELLANEOUS ITEMS

RECONDITIONED JD 10 FT. TRANSPORT DISK HARROW



Serial No. OP 678RR

DISCOUNT SALE PRICE..... **$1,080**

CASE MODEL C-17 10'6" TRANSPORT DISK HARROW
w/7½" Blade Spacing, 36 Disks, Cylinder & Hoses, 16" Blades - Front Gangs, 18" Blades - Rear Gangs

DISCOUNT SALE PRICE **$890**

AC 10' WIDE TRANSPORT DISK HARROW
w/New 18" Blades On Front, Hydraulic Cylinder & Furrow Filler Blades

DISCOUNT SALE PRICE **$785**

KRAUSE MODEL 2426 DOUBLE OFFSET DESIGN ROCKFLEX 25 FT. DISK HARROW

9" Blade Spacing w/21" & 22" Blades, Complete w/ Hydraulics

DISCOUNT SALE PRICE..... **$5,850**

IH MODEL 56 BLOWER
Serial No U111 w/New Blower Band Recently Installed, In Very Good Condition & Ready For Work
$1,295

JD MODEL 450
On-Land Hitch, 5 Bottom Moldboard Plow w/16" Bottoms, Cyl & Hoses, Coulters, Trash Boards, Set of New Shares, Spring Trip Type, Bottoms OK
$1,450

LIKE NEW GEHL NO. 801747 BUCKET To Fit Gehl 360 Skid Loader, 7 7 Cu Ft
$185

GEHL 920 FORAGE BOX
w/3 Beaters & Roof On 10 Ton Gehl Wagon w/111.x15 Tires
$3,000

NEW SPEED KING UTILITY AUGERS 2 Available, 6" Dia x 1 2' Long w/Motor Mount & Belt, No Motor
$252 ea

CASE PTO HOPPER-TYPE FORAGE BLOWER It Works! $400
$380

GEHL 135 GRINDER MIX-ALL
w/2 Screens, 7½ Ft Auger Extension, Hammers Have One Good Side To Use, Digital Scales, 1000 PTO
$5,350

Remember... TAKE 5% OFF Prices Listed On These Miscellaneous Items

SAVE $$$ BY DEDUCTING 10% OFF PRICES SHOWN WITH AN INEXPENSIVE TILLAGE TOOL

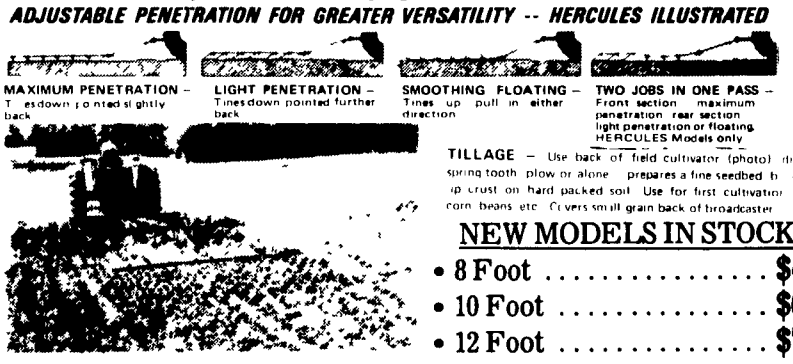
A Good Idea That Works

PASTURE MAINTENANCE – Stimulates grass growth Scatters droppings helps control parasites Tears out dead growth Aerates for better moisture penetration works in fertilizer Flexes to cover every inch of the ground

PASTURE RENOVATION at Low Cost – (Fertilize and lime as required) Scarify or prepare shallow seedbed without destroying existing turf Use to cover seed after sowing Inexpensive no dangerous chemicals or costly equipment needed

FUERST F-L-E-X-I-B-L-E TINE HARROW®

ADJUSTABLE PENETRATION FOR GREATER VERSATILITY -- HERCULES ILLUSTRATED



MAXIMUM PENETRATION – Tines down pointed slightly back

LIGHT PENETRATION – Tines down pointed further back

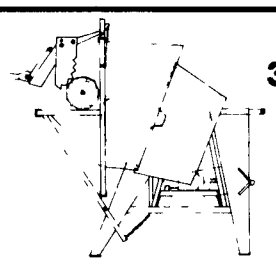
SMOOTHING FLOATING – Tines up pull in either direction

TWO JOBS IN ONE PASS – Front section maximum penetration rear section light penetration or floating HERCULES Models only

TILLAGE – Use back of field cultivator (photo) disc spring tooth plow or alone prepares a fine seedbed breaks up crust on hard packed soil Use for first cultivation corn beans etc Covers small grain back of broadcaster

NEW MODELS IN STOCK:

- 8 Foot **$485**
- 10 Foot **$632**
- 12 Foot **$754**



SPECIAL NEW 3 PT. HOOKUP SAW BUCK

Most Models Are Priced Over $800

SALE ~~$450~~ **$425**

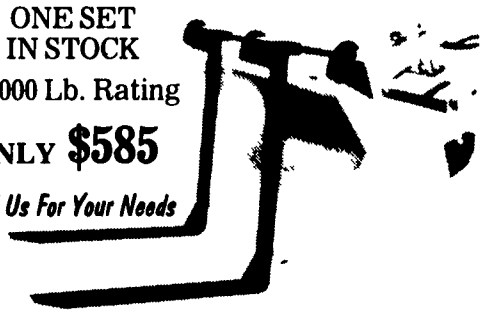
IMC ROUND BALE CARRIER

Weight Approx. 165 Lbs.
ONLY TWO IN STOCK

~~$195~~
DISCOUNT SALE PRICE.... **$185**

NEW QUICK-ATTACH PALLET FORKS
For Your Bucket Loaders

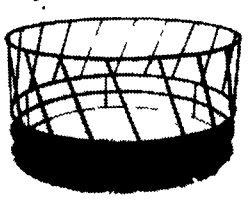
ONE SET IN STOCK
4,000 Lb. Rating
ONLY **$585**
Call Us For Your Needs



NEW 3 PT. VERTICAL LOG SPLITTER
w/17 Tons Of Splitting Action
ONLY **$385**

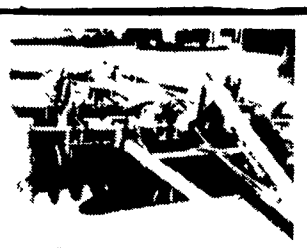
NEW 3 PT. LOGGING WINCH
w/250 Ft. of Cable, 3 Ton Pulling Power & Brake
Come & See!
ONLY **$545**

SAVE $10.00
SPECIAL OFFER
ROUND BALE FEEDERS w/LOWER FEED SAVER PANEL
8" Dia. x 44" High w/15" Feed Saver Panel



Round Feeders are rugged constructed to give years of feed saving service. Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows. The nearly 100% Utilization of feed can more than double your feed dollars.

SALE PRICE ONLY ~~$98.50~~ **$88.50**
w/Short 4" Extension Legs To Keep Unit Above Mud



BRAND NEW GLENCOE 7 SHANK STRETCH FRAME SOIL SAVER
Complete w/Hoses To Tractor. Setup & Ready To Go.
List Price... ~~$7,391~~
DISCOUNT SALE PRICE..... **$5,396**

1 Piece SOIL SAVER SHOVEL
4"x½"
Reg. Price ..... ~~$14.25~~
DISCOUNT SALE PRICE .. **$9.95**

TWISTED CHISEL SHOVELS
3"x½"x22"
Reg. Price ..... ~~$12.65~~
DISCOUNT SALE PRICE **$8.25**

In Stock **TWO BRAND NEW HARVEST HANDLER 16 FT. UTILITY ELEVATORS**

Take 10% Off Prices Shown!

- New Harvest Handler Lightweight Utility Aluminum 16 Ft. Elevator, Single Chain w/Rubber Paddles, Top Drive No Motor
  $649.00
- New Harvest Handler Utility Steel 16 Ft. Elevator w/Rubber Belt Instead Of Chain Carrier, Top Drive, No Motor
  $759.00

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat. 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

WE
HESSTON CORPORATION

NEW EQUIP.
Automatic Roller Mill Blower (Rental)
Artsway 500 Hammer Mill
NI 384 Solid Plus Spreader $9,900
White 5100, 6R Planter No-Till $10,900
White 23' Disc Spring Gang Hanger, $6,500
Hesston 12' Disc $4,500

USED TRACTORS
MF 175 D.
OMC 1000 Skid Loader
Hydra Mac 12 Skid Loader, Rebuilt
White 2-135, excellent
JD 4020
Hough 25B Loader w/52" Bucket
Case 1210
Farmall 350
Farmall C

USED HARVESTERS
Field Queen 7650 4WD 3 Row Head & Pickup
Fox 6200 w/3 Row Head
MF 260 2R & PU
Fox 3310
Fox 2000
Fox SPF Dsl.-Cheap
Fox 2R Snapper Head
Fox Max 1 SP, Cab, 4 Whl., Low Profile Head
NI 702 Uni Gas
NI 705 D., Uni $10,500
NI 767 Harvester
NI 741 Feeder House
NI 713 Flex Head
NI 727 Husking Bed
NI 729A Sheller

USED EQUIPMENT
White 5400 6 Row, no-till
White 543, 4R, No-til
Glenco 27' Field Cultivator
Crustbuster 18' HD Sgl. Fold Disc
AC 2600, 18' Wing Disc
10' Bush Hog Disc
Glenco SS7 Stretch Frame, Like New
Vermeer 504F Round Baler
Hesston 5500 Rd. Baler
Hesston 4800 Big Square Baler
Hesston 12' Hydro Swing
NH 675 Tandem Spreader
NI 218 & 245 Tandem Spreaders
NI 213 & 212 Spreaders
Hesston 3-Row Narrow & 3 Row Wide Head
Hesston 4 Row Narrow
Fox 3-Row Belt Head
Fox 2 RN Chain Head
NH 462 Disc Mower
JD 1209 Haybine
NH 479 Haybine
NI Wheel Rake
Fahr 17' Tedder
Brady, IH, Bush Hog 12' Flail Mowers
Hesston 30 Stack Mover
Smoker bin wagon
NH #8 Wagon 3 Beater & Roof
8HP Bedding Chopper
18.4R 38
20.8R 38
Radial Takeoff Tires

"Happy Holidays"

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

NEW IDEA
case

TRACTORS
- Case 400
- Case 430
- Case 1070
- Case 1490
- Oliver 500
- JD "A" Tractor
- White 2-105 Tractor
- David Brown 990 w/Loader
- International 574
- Ford Jubilee
- Ford 3000

LOADERS
- Case 1816C Skid Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader
- NH L425 Skid Loader

TILLAGE
- IH 3-16 Plows (2)
- Int 2 Bot Trailer Plow
- Case Disc Harrow, 10
- MF 3 Bot Plow
- Glencoe 7 Tooth Chisel Plow
- Case 18' Disk
- Case Field Cultivator
- Oliver Disk
- 3 Pt Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 326 Husker
- NI 315 Sheller
- NI 729 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 600 Snapper Head
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1014 Windrower, 14 Ft
- Hesston 1010 Windrower
- Hesston 1090 Wind rower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- NH 320 Baler
- NH 1010 Hay Wagon
- Case 230 Baler

MISCELLANEOUS
- Zimmerman 32 Ft Elevator
- Zimmerman 40 Ft Elevator
- King Wise 32' Elevator
- IH 400 Corn Planter, 8 Row
- 3-Row Cole Corn Planter
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- NI 218 Spreader
- Weaverline Cart, 24 Bushel
- Weaverline Cart, 30 Bushel

NEW SPECIALS
New Idea 404 Wheel Rake $1,250
Hesston Pit Agitators $1,450

HESSTON FARM EQUIPMENT

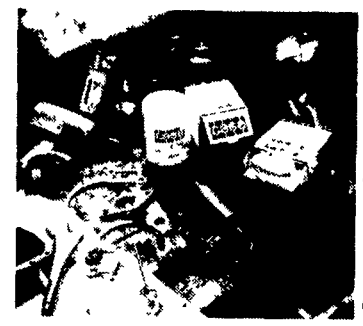
ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

NOTICE...THE BUYER WHO THINKS AHEAD CAN $AVE BIG WITH OUR YEAR-END CASH & CARRY DISCOUNT SPECIALS NOW THRU DEC. 31, 1985

At Binkley & Hurst Bros., Inc.

TAKE ADVANTAGE OF YEAR-END TAX INVESTMENT CREDIT
It May Be The Last Year, So Lock It In Now!

GOOD NEWS!



Here Is The Place To Save $1000's Of Dollars On Parts And Machinery

SHOP NO FURTHER

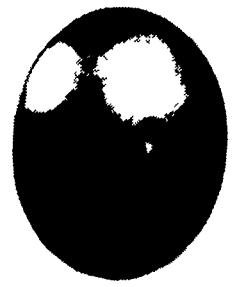
We Have Premium Quality EARTH METAL Tillage Parts At BARGAIN DISCOUNT PRICES

Can't Afford A New Disc? Re-blade Yours At A Fraction Of The New Cost.

WHAT MAKES EARTH METAL® SO TOUGH?

The exclusive steel formula makes Earth Metal disk blades up to 60% tougher than ordinary rolled steel blades. And they wear up to 20 percent longer. That means you save money by re-blading less often. And less breakage means you save on downtime, too.

EARTH METAL



Check This List For Your Needs Or Call And We Will Assist You... We Have Blades For ALL Popular Disc Harrows

CASE IH - AMCO - ATHENS - BUSH HOG - DEERE
KRAUSE - RHINO - TAYLORWAY - AND MORE

BLADES

ITEM NO.	BLADE DIA.	HOLE SIZE	THICKNESS	KIND	REG. LIST	DISCOUNT SALE PRICE
998809R1	20"	1.25 round 1.5 round	4.5 mm/7 ga.	Smooth	$24.57	$14.99
604633R2	22"	1.5 sq. 1.75 round	4.5 mm/7 ga.	Smooth	$29.73	$20.95
644010R5	22"	1 1/8 sq. 1.25 sq.	5 mm/6 ga.	Smooth	$31.30	$20.99
960968R4	22"	1.5 round 1.25 sq.	5 mm/6 ga.	smooth	$31.30	$20.99
956702R4	24"	1.25 sq. 1.5 round	5 mm/6 ga.	Smooth	$32.62	$22.98
998865R2	24"	1.5 sq. 1.75 round	6.5 mm/¼"	Smooth	$44.73	$31.60
407434R2	26"	1.5 sq. 1.75 round	6.5 mm/¼"	Smooth	$48.65	$43.05

PLOW PARTS

ITEM NO.	BLADE DIA		THICKNESS	KIND	REG. LIST	DISCOUNT SALE PRICE
469191R3	17"	Plow Coulter	4 mm/8 ga.	Rippled	$24.29	$17.15
474252R2	20.4"	Plow Coulter	4.5 mm/7 gal.	Rippled	$37.70	$26.62

SHARES

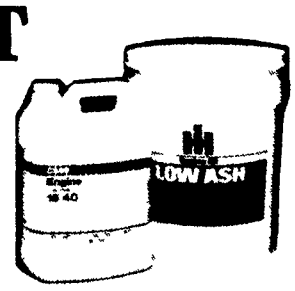
ITEM NO.	DESCRIPTION	REG. LIST	DISCOUNT SALE DAYS
463240R2	14" Reg.	$10.81	$ 6.99
463236R1	14" H. Duty	$14.74	$ 9.55
463241R2	16" Reg.	$12.21	$ 7.88
463237R1	16" H. Duty	$14.84	$ 9.62
464582R1	16" H. Duty Left Hand	$14.84	$ 9.62
463238R1	18" H. Duty	$16.17	$10.47
463253R1	16" Deep Suck	$14 84	$ 9.62

IN STOCK ONLY - NO RAINCHECKS

NOW Is The Time To Stock Up On CASE & INTERNATIONAL Brands Motor, Hydraulic & Transmission Oils At BIG SAVINGS

case IH

Up To 30% DISCOUNT



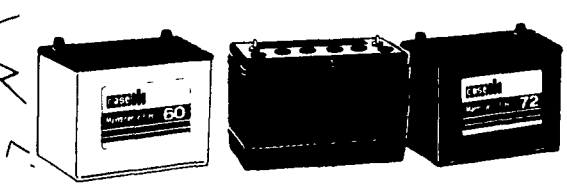
We Received A Truckload Of Oil And Are Passing The Savings On To You

DISCOUNT PRICES On Discount Days Only

WHY SHOULD I BUY CASE & INTERNATIONAL OIL?

- They are the only Case & IH approved lubricant.
- They are designed specifically for use in Case & IH equipment.
- They are formulated to do the job required.
- They have been subjected to extensive lab & field testing.
- They are specially blended for Case & IH Specifications.
- They are blended with additives components designed to provide specific lubrication qualities.
- They are quality products.

THERE'S A WINTER STORM OF PROFIT HEADED YOUR WAY



Power Up Now With A New Case IH Quality Battery

SAVE UP TO 25% OFF w/Old Battery
20% OFF Without Old Battery
QUALITY CASE IH BATTERIES AT POWERFUL SAVINGS

CASE CUTTING EDGES
See Us For Quality Replacement Cutting Edges
For Your Loader Bucket
15% OFF All Edges In Stock

CHECKLIST YOUR SUPPLY OF THESE ITEMS PLUS ANY PARTS YOU MAY NEED TO SAVE UNDER OUR

DISCOUNT SAVINGS PROGRAM

- ☐ Anti-Freeze
- ☐ Oil, fuel, hydraulic filters for Case, International and other model tractors
- ☐ Paint in gals., quarts, and spray cans
- ☐ Seat covers
- ☐ Grease cartridges
- ☐ Cutting edges for many different widths & types of buckets discount good on cutting edges even if our shop installs them
- ☐ Ether
- ☐ Gasket sealer
- ☐ Hoses, belts, thermostats
- ☐ Hitch pins & clevis
- ☐ Curved chisel plow shovels
- ☐ Moldboard plow parts
- ☐ Glencoe soil saver points & shovels
- ☐ Disk harrow blades
- ☐ Hydraulic cylinders
- ☐ Head and work lights
- ☐ Engine block heaters for tractor
- ☐ SMV emblems
- ☐ Water pumps, tune-up parts
- ☐ Loctite products
- ☐ And many more!

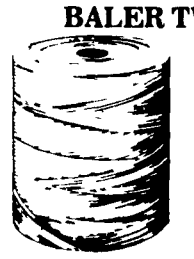
15% CASH DISCOUNT

On All

CASE IH - RHINO - GLENCOE GEHL - KUHN - BETTER BILT PARTS IN STOCK

Unless Otherwise Stated
If Not In Stock We Will Order Under Our Bi-Weekly Program And You Will Still Receive Discount For Orders Paid When Ordering.

NOW IS THE TIME TO ORDER BALER TWINE

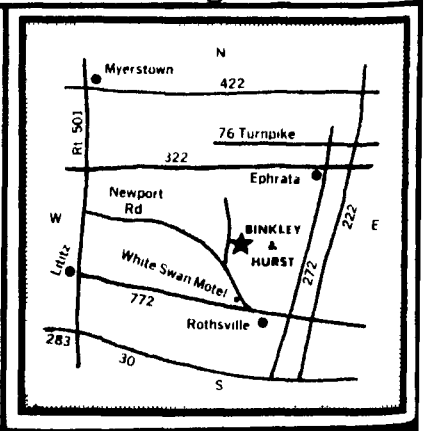


Good Quality Clover Baler Twine 9,000 Ft.

$15.30

No.1 Quality Sisal Twine

Quantity Discount For Large Amounts



BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

SPECIAL NOTICE TO ALL TOY COLLECTORS

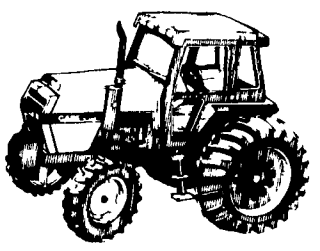
We Have Several All Steel CASE MODEL 580B BACKHOE LOADER TRACTORS w/CABS We Have Decided To Offer For Sale. These Are No Longer Made And Are In Their Boxes.

Come And Get Yours While They Last!

LIMITED SUPPLY

Reg Price ~~$125.00~~

DISCOUNT CLEARANCE PRICE $110.00



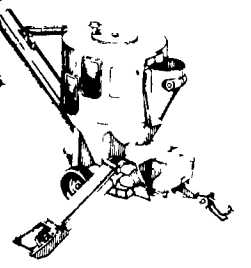
CASE INTERNATIONAL 3294

This 1/16th scale model is an exact replica to the tiniest detail Special features include real steering and other moveable parts It s made of sturdy rust-resistant metal that's finished with child-safe baked enamel

Reg Price ~~$24.95~~

DISCOUNT SALE PRICE **$21.20**

GRINDER MIXER



Reg Price ~~$10.95~~

DISCOUNT SALE PRICE **$9.75**

IH HAY BALER
No 447

Spring action ejects plastic bales
- Wheels turn pickup teeth
- Draw bar pulls wagon

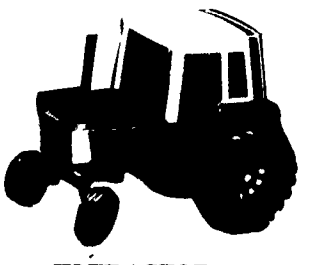
Size 13 75"x6"x3"
Reg Price ~~$10.49~~

DISCOUNT SALE PRICE **$8.75**

CASE 2294 TRACTOR
ZFN261EO
1/32 Scale

Size 5½"I x2¾ 'Wx3½ 'H
Weight 15 Oz
Reg Price ~~$9.75~~

DISCOUNT SALE PRICE **$7.95**



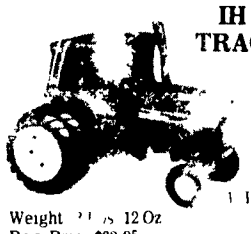
IH TRACTOR w/PROTECTIVE CAB
463DO

- Rubber Tires
- Fully Detailed Controls

Size 9 5"x7 25"x7"

DISCOUNT SALE PRICE **$16.75**

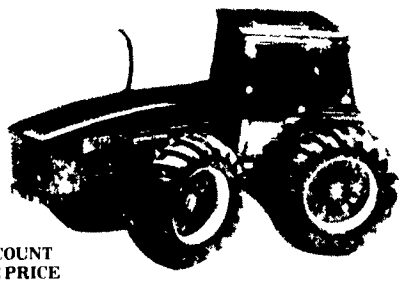
IH 5288 TRACTOR
ZFN487DO
1/16 Scale



Size 1 I x8¾ Wx8¼ H
Weight 2 lbs 12 Oz
Reg Price ~~$22.95~~

DISCOUNT SALE PRICE **$19.50**

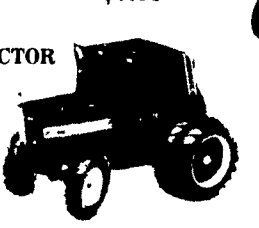
INTERNATIONAL 7488
No ZFN467DO
(Sold to I I Case dealers exclusively)
1/16 Scale



Reg Price ~~$27.86~~

DISCOUNT SALE PRICE **$22.95**

IH 5488 TRACTOR
ZFN409DO
1/16 Scale



Size 10¾ 'Lx7 5/8"Wx7¼"H
Weight 3 Lbs 3 Oz
Reg Price ~~$24.95~~

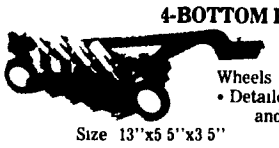
DISCOUNT SALE PRICE **$21.20**

IH 5088 TRACTOR
ZFN468DO
1/16 Scale

Size 11"Lx6 7/16"Wx8¼ H
Weight 2 Lbs 4 Oz
Reg Price ~~$21.95~~

DISCOUNT SALE PRICE **$18.65**

4-BOTTOM PLOW



- Wheels raise/lower for plowing action
- Detailed plastic plow shares, colters and hydraulic lift assemblies

Size 13"x5 5"x3 5"
Reg Price ~~$6.65~~

DISCOUNT SALE PRICE **$5.55**

CASE FRONT WHEEL DRIVE ASSIST TRACTOR

- Rubber Tires & Stack
- Detailed Engine
- Cab Has New Design Interior & Roof

Size 11"x7 x7 75"
Reg Price ~~$24.95~~

DISCOUNT SALE PRICE **$21.20**

* Unassembled

1/64 Scale

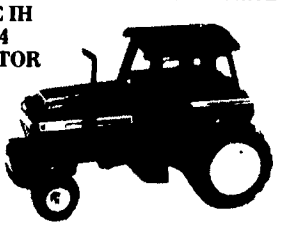
ZFN1412EO

CASE EQUIPMENT HAULING SET

Size 11¼"Lx2 1/8"Wx2½"H Weight 12 Oz
Reg Price ~~$10.95~~

DISCOUNT SALE PRICE **$9.95**

CASE IH 2294 TRACTOR



This 1/64th scale model is perfect for Junior's toy chest or Dad's bookcase

DISCOUNT SALE PRICE **$1.49**

CASE 4WD TRACTOR
ZFN262EO
1/32nd Scale

Size 6 11/16"Lx3 7/8"Wx4"H
Weight 1 Lb 10 Oz
Reg Price ~~$14.95~~

DISCOUNT SALE PRICE **$10.95**

NEW REAR TRACTOR TIRES

Take 10% Off These Prices

Description	Cost Per Tire
• 20.8x38 Armstrong 8 Ply Takeoff	$395.00
• (2) 20.8x38 Taurus 8 Ply Radial	$575.00
• (2) 20.8x38 BFG on Rims, 8 Ply	$625.00
• (4) 18.4x38 General 6 Ply	$290.00
• (2) 16 9x38 Verdest Radial	$395.00
• (1) 15.5x38 MDG 6 Ply	$195.00
• (2) 18.4x34 Barum 8 Ply	$295.00
• (2) 18.4x34 Goodyear Mounted on Power Shift Rims And 8 Lug Centers	$1,100.00
• (2) 16.9x34 BFG	$250.00
• (1) 16.9x30 Goodyear 6 Ply On Rim	$290.00
• (2) 13.6x28 Goodyear 6 Ply On Rim	$225.00
• (1) 12.4x28 BFG 4 Ply	$145.00
• (2) 11.2x28 BFG 4 Ply	$139.00
• (2) 8 00x16 Goodyear 2 Ply	$49.00

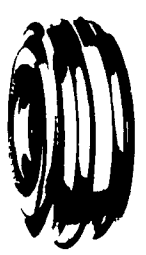
Just Arrived

NEW GOODYEAR REAR TRACTOR TIRE SPECIALS

DEDUCT 5% OFF Prices Below

Desc.	Ply	Price
(2) 13.9x36	4	$136
(1) 15.5x38	6	$159
(5) 18.4x38	6	$265
(2) 18.4x38	8	$298
RADIALS		
(4) 16.9x38	6	$325
(4) 18.4x38	6	$348
(6) 18.4x38	8	$399
(2) 20.8x38	6	$464

Remember, DEDUCT 5% OFF These Prices



NEW FRONT TRACTOR TIRES

Take 10% Off These Prices

Description	Cost Per Tire
• 11.00x16 8 Ply	$109.00
• 10.00x16 6 Ply	$79.00
• 11Lx15 6 Ply	$75.00
• 9 5x15 6 Ply	$58.00
• 7.5x15 6 Ply	$49.00
• 6 50x16 6 Ply	$41.00
• 6.00x16 4 Ply	$39.00
• 6.00x16 6 Ply On Wheels	$78.00
• 11Lx16 12 Ply Contractor Tire	

TAKE 50% OFF ALL ITEMS IN THIS BOX

Choose From Two
Single Wing Offset
Sunflower Heavy Duty
TRANSPORT DISK HARROW

- 13 Ft. • 8½" Spacing Front
- 9½" Spacing Rear
- 21" Dia. Blades x 5/16"

$3,250

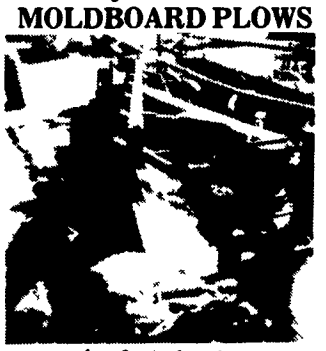
SPEEDY PULL-TYPE 6 FT. FLAIL MOWER
540 PTO Driven
$425

MACK TANDEM DIESEL DUMP TRUCK

1971 Mack R600 ST
Twin Screw Tandem 14 Ft Steel Dump, Motor Rebuilt Approx. 20,000 Mi. Ago w/New 300 Model Engine Kit, 15 Speed Transmission, 38,000 Lb Rears Needs A Few Tires & A Cracked Windshield Replaced For Inspection. No Power Steering

Runs Good & Has Plenty Of Power!
$14,800

NEW PITTSBURG QUALITY MOLDBOARD PLOWS



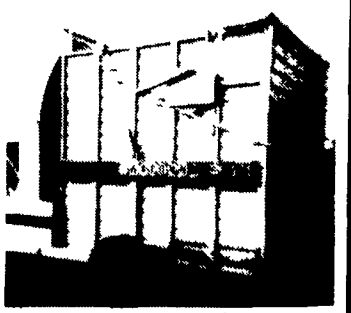
You Can't Go Wrong
TWO AVAILABLE
Both Have Hillside Hitch Less Cyl., Gang Wheels And Trashboards.

Hurry And Take Your Pick!
- 6 Bottom 18" Spring Trip (Not Auto. Reset, No Coulters) Semi-Mount Type, No Hydraulics **$3,700**
- 6 Bottom 16", Equipped As Above Unit **$3,200**

One Is Demo, One Never Used - Both Are Weathered w/Some Rust

GOOD USED GEHL CB1200 FORAGE HARVESTER
w/Brand New 2 Row Narrow Cornhead
$9,800

OWATONNA MODEL 540 STACKER



Almost New!
Complete w/Hydraulics
$3,900

15 FT. STEEL DUMP TRUCK BODY
Low Sides, No Cab Protector, Complete w/Hyd. Pump, Reservoir, Telescopic Front Mount Hoist, Asphalt Tarp & Roll-Up Kit
$1,980

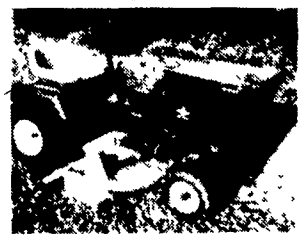
GOOD USED CASE 66L QUICK-ATTACH LOADER
w/Case 1690 MFD Mounting Brackets, Red 72" Bucket w/Hoses To Plug In Tractor Remote Outlets. Serial No. 1651212. Take Your Discount Off **$3,950** Value

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat. 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

WOULDN'T YOU ENJOY QUALITY AT THE RIGHT PRICE?
Come On In... Let's Talk And Work The Deal You've Wanted.

TAKE 50% OFF
Almost New Case Model 116 Demo 16 HP Compact Riding Mower

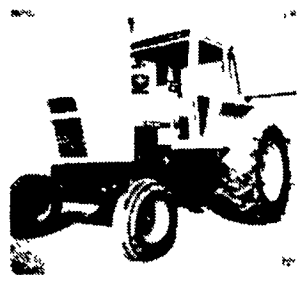


Serial No. 14047818
w/44" Rear Discharge Mower
$2,971
LESS 50%... ONLY $1,485
New Warranty

SAVE $4,100
Reconditioned Case 2470 4WD, Approx. 175 PTO HP

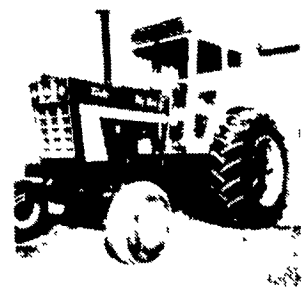
1973 Model, 18.4x34 Deep Lug Tires, Motor Has New Sleeves, Pistons, Rod & Main Bearings, 3 New Heads, New Turbo, New Hyd. Pump, Injectors Gone Over. Has 3 Pt. Hitch, 1000 RPM PTO
Reg. Price ~~$18,900~~
DISC. SALE PRICE **$14,800**

SAVE $1,750
Clean 1975 Case 790 Cab w/Power Shift



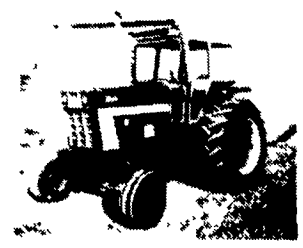
20.8x34 Tires - 30%, Front End Weights, Approx. 3100 Hrs., Serial No. 2807
Reg. Price ~~$11,500~~
DISCOUNT SALE PRICE **$9,750**

SAVE $2,000
IH 1066 w/Cab



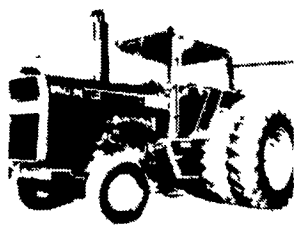
1971 Model, Serial No. 8351, Approx. 3165 Hrs., New TA & Clutch, New 20.8x38 Tires, 540-1000 PTO
Reg. Price ~~$10,800~~
DISCOUNT SALE PRICE **$8,800**

SAVE $2,000
Clean IH 1066 w/Cab



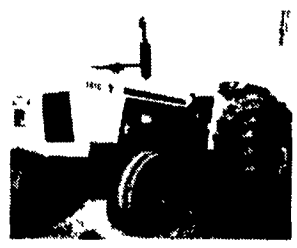
Late Model 1971, Serial No. 9268 w/2632 Original Hrs., Good 20.8x38 Tires, New TA About 180 Hrs. Ago, 540-1000 PTO, Ready For The Field
Reg. Price ~~$12,650~~
DISCOUNT SALE PRICE **$10,650**

SAVE $2,000
MF 2745 w/Cab, Air Heater



1978 Model w/Power Shift, Rated 143 HP, 1981 Hrs., 540 PTO, Twin Hyd. Remotes, 18.4x38 Tires w/Duals On Power Adjust Wheels. A Good Clean Tractor Ready For Work!
Reg. Price ~~$12,800~~
DISCOUNT SALE PRICE **$10,800**

CASE MODEL 1410
1976, Approx. 80 H.P.

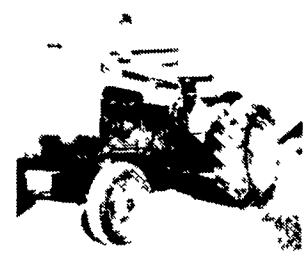


Standard Shift, 540 PTO, Double Remotes, 18.4x34 - 25% On Power Adjust Rims, Serial No. 0761
Reg. Price ~~$7,800~~
DISCOUNT SALE PRICE **$5,900**

SAVE $3,000
MF Model 1500

4 WD w/Cab, 250 Cummins Power Completely Rebuilt w/New Crank, 3 Pt. Hitch, PTO, 23.1x30 Tires, All Articulation & Steering Joints Rebuilt
Reg. Price ~~$9,900~~
DISCOUNT SALE PRICE **$6,900**

CASE 730 COMFORT KING DIESEL

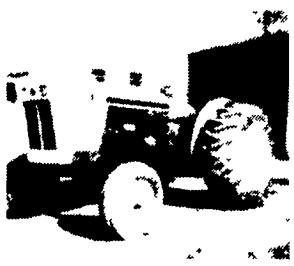


Tested At 65 HP On Our Dyno., 16.9x34 Tires - Approx. 25% Dual Hyd. Remotes, A Good Sound Tractor
Reg. Price ~~$4,650~~
DISCOUNT SALE PRICE **$3,750**

CASE DAVID BROWN 1212
65 HP Diesel w/On-The-Go Power Shift

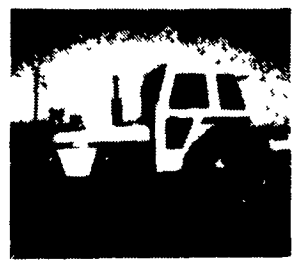
1971 w/Approx. 3200 Hrs., Dual Remotes, 540-1000 Shifter, Good 18.4x30 Tires, Power Adjust
Reg. Price ~~$5,850~~
DISCOUNT SALE PRICE **$4,980**

DAVID BROWN 1200
Diesel Tractor



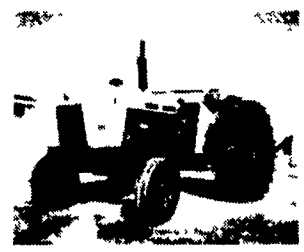
540-1000 PTO Shift, 18.4x30 Tires - Approx. 90%, Approx. 2275 Hrs.
Reg. Price ~~$4,800~~
DISCOUNT SALE PRICE **$3,250**

CASE MODEL 1390



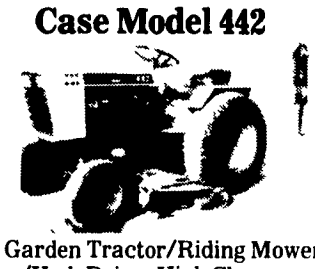
1980, 60 HP Diesel Tractor w/Cab, Approx. 1659 Original Hrs., Single Set Of Hyd. Remotes, 5 Weights, Standard Shift, 60% Rubber On Rear, Serial No. 11122451
Reg. Price ~~$9,800~~
DISCOUNT SALE PRICE **$8,800**

1410 CASE
1976 Model, 80 HP Rating



w/Standard Shift, 540 PTO, Front Bumper w/Hitch, Approx. 1900 Original Hrs., Double Remotes, Like New 18.4x34 Rear Tires, No. 1050480
Reg. Price ~~$8,900~~
DISCOUNT SALE PRICE **$7,650**

12 HP TRACTOR w/MOWER
Case Model 442



Garden Tractor/Riding Mower w/Hyd. Drive, High Clearance 16" Rear Wheels
ONLY **$1,495**

Come & Take Your Pick!
TWO LATE MODEL 90 HP CASE 1690's w/Low Hours To Choose From!

Both Tractors Have Twin Hyd Outlets, 18.4x34 - 90% On Rear And 10.00x16 Tires On Front. Both Are 1981 Models & Both Have On-The-Go Powershift Transmissions.

UNIT #1 Serial No. 2564
Has 485 Actual Hrs.
Reg. Price ~~$15,800~~
DISCOUNT SALE PRICE **$13,200**

UNIT #2 Serial No. 2852
Has 615 Actual Hrs.
Reg. Price ~~$15,800~~
DISCOUNT SALE PRICE **$12,700**

CASE MODEL 220
10 HP Riding Mower

Newly Rebuilt Motor, 44" Mower In Very Good Condition
Reg. Price ~~$1,950~~
DISC. SALE PRICE **$1,690**

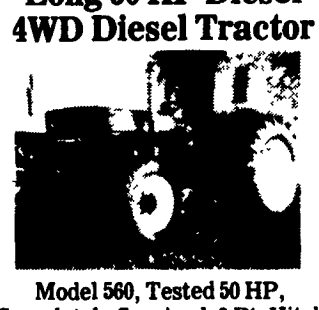
CASE MODEL 1290
53 HP Diesel

Only Approx. 1500 Hrs. Ready For Work
Reg. Price ~~$8,800~~
DISCOUNT SALE PRICE **$7,990**

CASE 930 COMFORT KING DIESEL

Approx. 90 HP Rating, 18.4x34 Tires, Good Sound Tractor
Reg. Price ~~$5,400~~
DISCOUNT SALE PRICE **$4,850**

SAVE $1,040
Long 50 HP Diesel 4WD Diesel Tractor

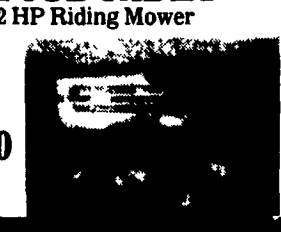


Model 560, Tested 50 HP, Completely Serviced, 3 Pt. Hitch Ready For Work!
Reg. Price ~~$6,900~~
DISCOUNT SALE PRICE **$5,860**

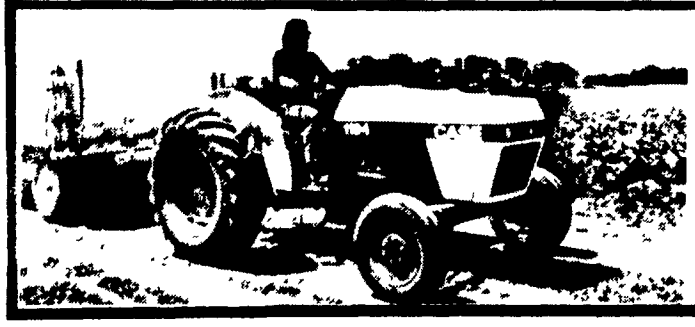
CASE DAVID BROWN Model 995

All Wheel Drive Vegetable Special w/13.6x38 Tires Front & Rear, Rated At 58 HP Diesel, 3 Pt. Hitch
ONLY **$4,950**

IH CUB CADET
12 HP Riding Mower



ONLY **$1,670**



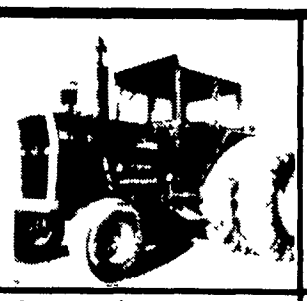
NEW CASE 1194 DIESEL
43 HP
6 Months of New Warranty
Independent PTO, Single Set Hyd. Outlets, Calcium Fluid Ballast In Rear Tires, 6.00x16 Front Tires, 13.6x28 Rear Tires, Serial No. 11041055
Factory List Price ~~$17,862~~
DISCOUNT SALE PRICE **$8,460**

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours Mon.-Fri 7 A.M. - 5 P.M.,
Sat 7 A.M. 11 30 A M Sun. Closed - Lord's Day

Price Reduced!

MF 1155 TRACTOR

- 2,620 Hrs.
- Cab, Air, Heater
- 20.8x38 w/Duals



Clean and ready for work

~~$11,800~~ **$9,800**

CASE 770 DIESEL Standard Shift Tractor

$3,650

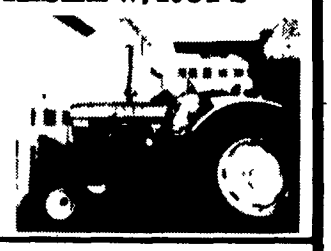
$2,990

No Trade

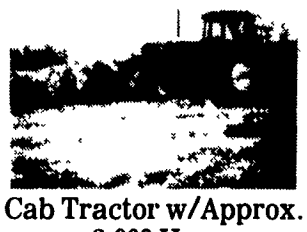
FORD 8600 DIESEL w/ROPS

Good Rubber

Come & See Then Make Your Offer



JD 4430 w/LOADER



Cab Tractor w/Approx. 3,900 Hrs.

Buy w/No Trade & Pay

ONLY **$14,800**

SAVE $2,000

IH 270 A Diesel Loader Extenda-Hoe w/Cab, 1978

Serial No. B100 8301

w/Cab, Heater, Extendable Hoe Dipper, Good 80% Tires, Power Shuttle, 24" Trenching Bucket. In Very Good Condition.

Reg. Price...~~$16,800~~

DISCOUNT SALE PRICE... $14,800

NELSON 106 HP DETROIT DIESEL PAYLOADER

4 Wheel Drive w/Rear Wheel Steer

Reg. Price ~~$6,800~~

DISCOUNT SALE PRICE $4,980

SAVE $1,900

1980 Case 580C Canopy Diesel Power Shuttle Backhoe

Serial No. 5100, Approx. 2176 Hrs., Heavy Duty 24" Trenching Bucket

Reg. Price...~~$19,700~~

DISCOUNT SALE PRICE... $17,800

CHOOSE FROM TWO BACKHOE MOUNT COMPACTORS

- UNIT 1 Almost New Allied No. 33 Rapid Ram w/Tremendous Campaction On Plate, 14"x20" Or Remove & Install Breaker Point That Really Works! Mounting Is Designed For Case 580 Backhoe w/Removal Of Trenching Bucket. Also Includes Hyd. Lines & 3rd Valve For Your Tractor

  Reg. Price...~~$3,800~~

  DISCOUNT SALE PRICE.... $2,860

- UNIT 2 Same As Above, Except It Is Used More & Has Quick Coupler Attach w/Quick-Attach Trenching Bucket

  Reg. Price...~~$3,800~~

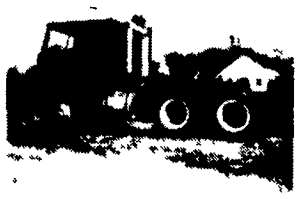
  DISCOUNT SALE PRICE... $1,860

NOTE: They Sell For Over $10,000 New!

And Remember, They Do Work!

SAVE $1,000

1973 Ford Tractor w/Tandem Twin Screw



13 Speed Road Ranger, New Paint, Good Rubber, 903 Cummins, Aluminum Wheels On Front, Runs Good

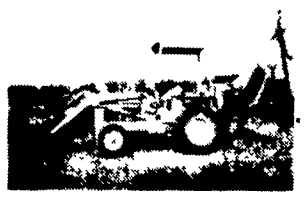
Reg. Price ~~$5,900~~

DISCOUNT SALE PRICE $4,900

OR BEST OFFER

(New PA Inspection)

IH 260A DIESEL BACKHOE LOADER



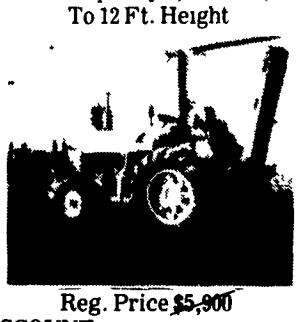
Canopy, Serial No. U101393, 1977

Reg. Price...~~$9,800~~

DISCOUNT SALE PRICE $8,800

IH MODEL 560 GAS-POWERED INDUSTRIAL ROUGH TERRAIN TRACTOR-TYPE FORKLIFT w/Pallet Forks,

Lift Capacity 6,000 Lbs., To 12 Ft. Height



Reg. Price ~~$5,900~~

DISCOUNT SALE PRICE $4,900

SAVE $3,000

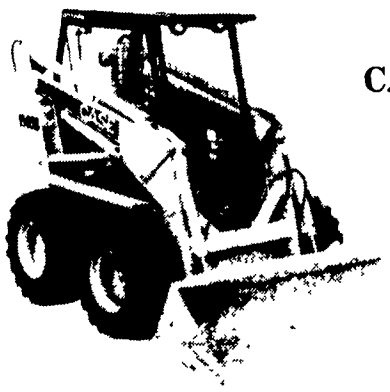
Good 1976 JD 500C Backhoe w/Cab

Serial No. 314T, 18.4x28 Tires, Approx. 2468 Hrs.

Reg. Price...~~$17,800~~

DISCOUNT SALE PRICE... $15,800

Prices Reduced As Much As $1,000 On Some Units



Good Used CASE 1845 DIESELS

All Units Are Hydrostatic Drive And Self-Leveling Loaders

- **1977 MODEL,** Serial No. 9836894, 12.00x16.5 Flotation Lug Tires, 73" Dirt Bucket, Hydrostatics Rebuilt ..... ~~$9,750~~ **$8,750**

- **1980 MODEL,** Serial No. 9850638, 7.50x16 Mud-Type Tires & Used 73" Bucket. Or A Heavy Duty Pallet Fork Attachment, Approx. 3300 Hrs., Gets Used Almost Every Day As A Forklift Tractor Around Our Shop.

  A GOOD RUNNING MACHINE..... ~~$9,800~~ **$8,800**

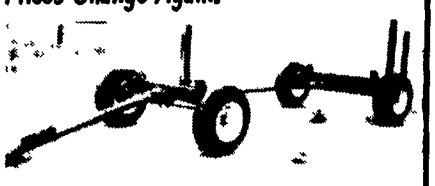
- **1981 MODEL,** Serial No. 9854399, Like New Big 12.00x16.5 Flotation Lug Tires w/73" Utility Bucket ..... ~~$10,800~~ **$9,800**

- **FORD MODEL CL40,** Serial No. 6245, Ford Gas Engine w/ROPS, 60" Bucket, 2422 Hrs., 10.00x16.5 Tires. Clean Unit ..... ~~$5,800~~ **$4,800**

YEAR-END CLEARANCE...Buy Before The Prices Change Again!

NEW 8 TON WAGON

Buy Knockdown With 6" or 8" Rims & Adj. Quick Hitch For



ONLY...~~$460~~ **$425.00**

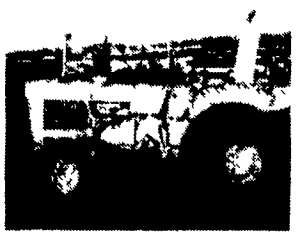
OR Buy Setup w/11Lx15 8 Ply Tires & Tubes For ONLY...~~$733~~ **$698.00**

MUSTANG 1000 SKID LOADER

7.50x15 Tires, 54" Bucket, 1310 Hrs., Serial No. 8100

ONLY **$4,350**

JD UTILITY GAS TRACTOR



Model 301 w/3 Pt. Hitch, PTO, 18.4x16.1 Turf-Type Diamond Tread Reg. Price ~~$4,800~~

DISCOUNT SALE PRICE..... $3,850

SAVE $1,000

Good IH 915 Combine w/15 Ft. Model Grain Header

Approx. 1600 Hrs.

Reg. Price ~~$15,900~~

DISC. SALE PRICE $14,900

SAVE On This Quality Ready-To-Work Machine!

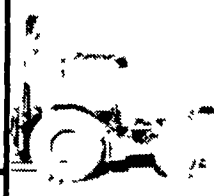
CASE 580F w/CAB,

1977 Diesel Loader Backhoe & Power Shuttle, Other Optional Features You Will Like

Reg. Price...~~$10,800~~

DISCOUNT SALE PRICE $9,750

FORD MODEL 3550 GAS POWERED FORKLIFT



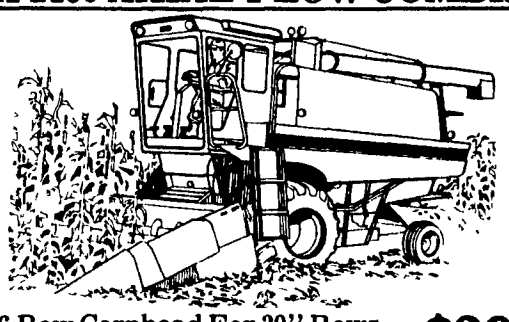
Lifts 12 Ft. High, 6000 Lbs., 1973 Model w/Power Forward & Reverse Shuttle, 16.9x24 All Terrain Tires

~~$9,300~~ NOW ONLY **$7,900**

MORE GOOD USED SKID LOADERS

- Mighty Mac 8C, 1976 Model, 20 H.P., 2 Buckets **$3,850**
- Case 1835 B Gas Uniloader, #9861408, 1983 Model, Approx. 2011 Hrs., 32 H.P. **$8,800**
- Case 1845 Gas, #9841341, 12.00x16.5 Tires w/73" Bucket..... **$8,650**

YOU CAN'T GO WRONG WITH A COMPLETELY RECONDITIONED IH 1460 AXIAL-FLOW COMBINE



With A 6 Row Cornhead For 30" Rows w/Good Financing Available. ONLY **$39,900**

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

PH: 717-626-4705

Hours: Mon.-Fri. 7 A.M. - 5 P.M.;

Sat. 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

BRAND NEW GEHL MODEL 100 MIX-ALL GRINDER MIXER

Serial No. 10123, All Hyd. Loading & Unloading, Choice of 2 Screens.

In Stock
One Only

Buy a new Gehl Mix-All® now through December 31, 1985, and you can take your choice from one of three **FREE** gifts:

Hotpoint Microwave Oven
GE 17" Porta Color TV
GE VHS Videotape Recorder

Sponsored by Gehl Co. Stop in & we'll fill you in on all the details.

Scales Not Included In Price.

List Price...~~$8,706~~
REG. PRICE....~~$7,375~~

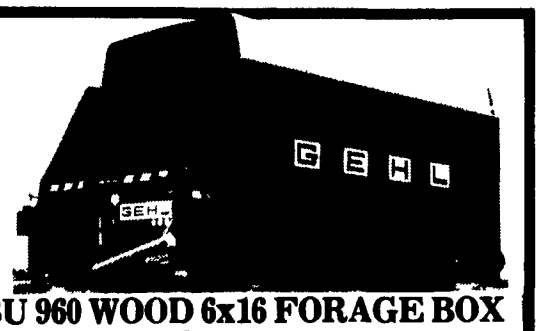
SPECIAL CLEARANCE PRICE..... $6,650

Remember, Receive A FREE GIFT w/Your Deal!

SAVE BIG ON GEHL...

The Leader In Forage Boxes

In Stock
Limited Quantity



NEW MODEL BU 960 WOOD 6x16 FORAGE BOX

3 Beaters & Roof w/Optional Even-Flo Beater
Wagon Not Included In Price

List Price... ~~$6,539~~
REG. DISCOUNT PRICE... ~~$5,208~~

DECEMBER CLOSE-OUT SPECIAL..... $4,682

Get Yours Now, Before They Are Gone!

You Can't Go Wrong With A New Demo GEHL MODEL 4510

Self-Leveling, 40 HP, Gas Skid Loader

Water-Cooled

Quick-Attach Bucket

Machine Movement And Loader Operation Made Simple With Two Hand Controls

Serial No. 3295

List... ~~$18,019~~

DISCOUNT SALE PRICE $11,850

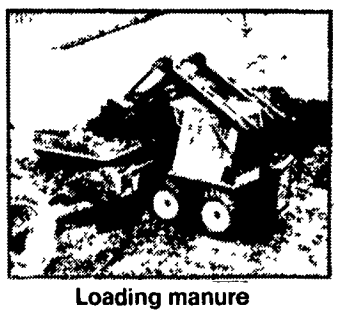
SAVE $2,000

Buy A Good Used IH 800 Planter With These Fine Features

IH MODEL 800 EARLY RISER 6 ROW PLANTER, One Only w/30" Row Spacings, Optional No-Til Coulters, 4WD, Insecticide Attachment, Cyclometer 3 Monitor.
No Fertilizer Or Row Markers

Reg. Price... ~~$7,850~~

SPECIAL DISC. SALE PRICE..... $5,850



Loading manure

We Have Lowered The Price $2,000

GEHL MODEL 3510 SKID LOADER

Compact, 24 HP, Gas, Water-Cooled Demo
A winner at any job, from start to finish

- Handling pallets
- Bulk material handling
- Construction work

In Stock... Serial #2051, New Demonstrator w/27-8.50x15 Flotation Lug Tires, 54" Wide Bucket.
Retail Value Over $13,000

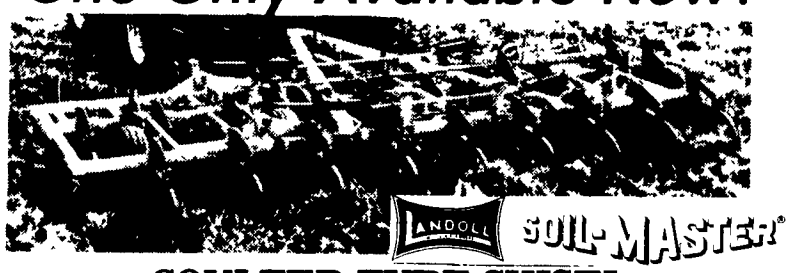
PAY ONLY ~~$10,850~~

NOW YOU PAY ONLY $8,850

SAVE $1,000

BRAND NEW SPECIAL

One Only Available Now!



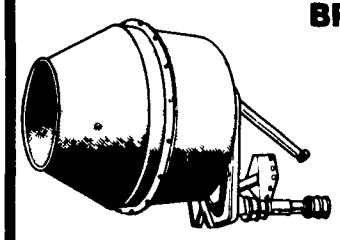
COULTER-TYPE CHISEL

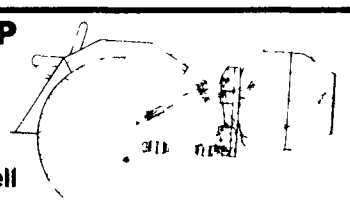
- 15 Tooth Wing Model
- 18'9" Working Width
- Approx. 10,000 Lbs.
- Flat Fold

List Price..... ~~$16,363~~
Reg. Price..... $10,980
All Hyd. Included
DEDUCT....- 1,000

PAY ONLY.... $9,980

BRAND NEW 3 PT. HOOKUP CEMENT MIXER

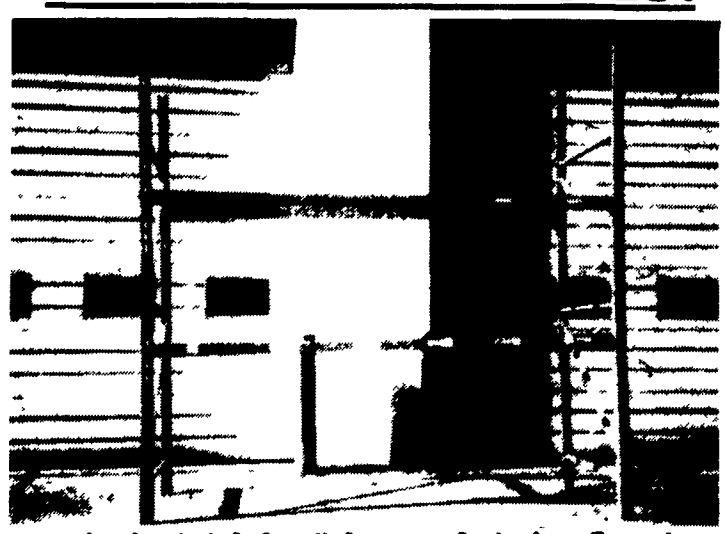




540 PTO Drive, Mix Capacity Approx. 84.5 Gallons
Most Competitive Models Priced Well Over $800

OUR DISCOUNTED SALE PRICE ONLY ~~$485.00~~ $475.00

STACKS OF RACKS!

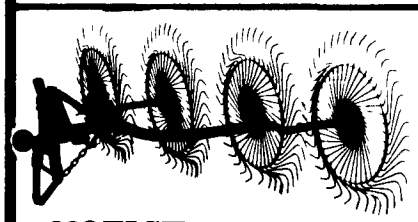


We Needed A Small Amount And Were Forced To Clean Out The Entire Warehouse!

Organize Your Farm Shop Or Warehouse With Like New Shelving At Salvage Prices

- Approx. 3,000 Lb. Capacity
- Heights Range From 8 Ft. To 13 Ft.
- Thousands Of Feet Of 10 Ft. Horizontal Bases
- Erect In Minutes
- Free Standing
- Delivery Available

CALL TODAY



SPECIAL OFFER On Quality Built Rakes

NOTICE: Rake your hay, straw and corn fodder with an inexpensive, 3 pt. Wheel Rake For Only

~~$495.00~~ **$465.00**

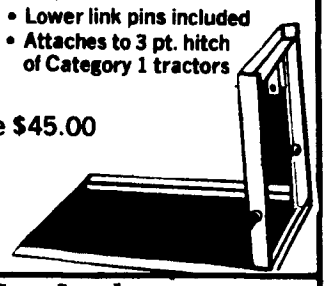
CATEGORY I 3 POINT LIFT

- Angle iron construction
- Lower link pins included
- Attaches to 3 pt. hitch of Category 1 tractors

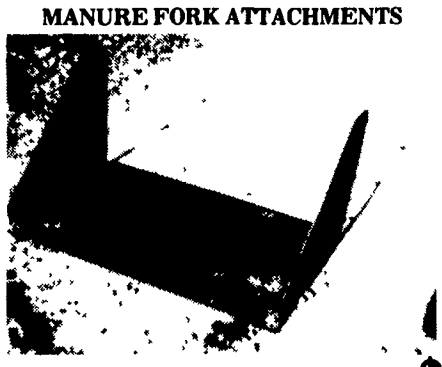
Reg. Price $45.00

DISCOUNT PROGRAM SPECIAL ONLY

$39.00

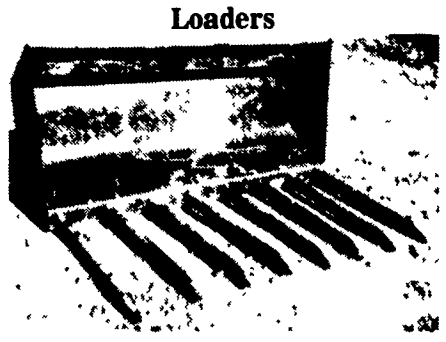


NEW DIRT PLATES FOR MANURE FORK ATTACHMENTS



- 48" Wide $75
- 60" Wide ..... ~~$225~~ $129

New Case Loader MANURE FORK ATTACHMENT For Case 56L-741 & IH 2000 Series Loaders



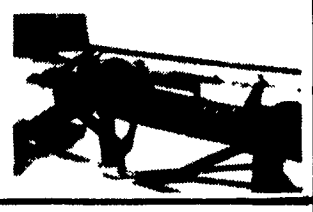
60" Wide

Reg. Price... ~~$250~~

DISCOUNT SALE PRICE $149

Also In Stock: 48" Wide Fork For Case 55 Loader, w/Single Dump Cylinder, No. T91632
Reg. Price... ~~$130~~
DISCOUNT SALE PRICE $89

3 PT. ECONOMY STONE RAKES w/GAUGE WHEELS



- 6 Ft..... $395
- 7 Ft..... $410
- 8 Ft..... $425

NEW PULL-TYPE FERTILIZER/ SEEDER SPREADER
In Stock
$395

USED NI MODEL 224 TANDEM AXLE SPREADER

With Gratz Web, No Endgate

Reg. Price ~~$3,425~~
DISCOUNT SALE PRICE..... $2,860
OR BEST OFFER

NEW 4 POST ROPS w/ROOF

For Case 1490 & 1494 Tractors
Serial No. A165090

DISCOUNT SALE PRICE..... $295

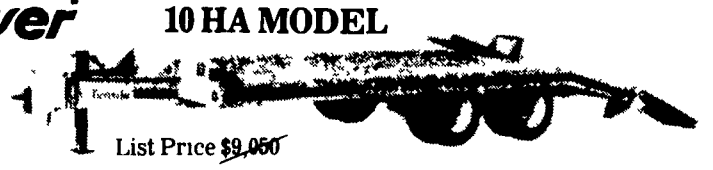
BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.,
Sat. 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

Contractors And Farmers...WE'VE GOT TRAILERS WITH EXTRA SPECIAL DISCOUNTS FOR YEAR-END CLEARANCE. Don't Miss Your Chance For A Good Buy Now!

Eager Beaver 10 HA MODEL

10 TON TRAILER w/AIR BRAKES
DISCOUNT SALE PRICE
$7,385
No. F.E.T. Required



List Price ~~$9,050~~

Capacity at 54 MPH	Trailer Weight	Gross Vehicle Weight at 54 MPH	Overall Length	Overall Width	Deck Length	Deck Width	Deck Height
20 000 lbs 9 072 kgs	5 800 lbs c 631 kgs	25 800 lbs 11 703 kgs	24 6 7 468mm	96 2 438mm	20 6 096mm	96 2 438mm	32½ 826mm

Eager Beaver 20HA

ON DISPLAY
20 TON HEAVY AIR BRAKES 20 HA
List... ~~$12,895~~
DECEMBER CLEARANCE PRICE
$9,250
Plus F.E.T. $846.00

Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"
Tires: (8) 8.25 R 15 (G) Radial

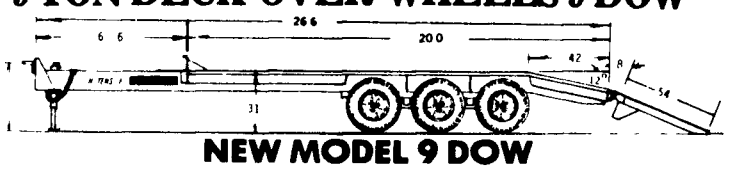
SAVE A BUNDLE ON SOUTHEAST BIG OX

SPECIFICATIONS:
Axles.....2
Brake Axles.....2
Hitch ...2 5/16" Ball
Deck Material ... Oil treated 2" pine
Tires.....7:00x14.5
Weight.....1500#
Capacity ... 8000 lbs.
Color .....Yellow
GVW.....9500 lbs.
Deck Width .....76"
Deck Height ....19"

Removable Bolt On Fenders Are Included In Price

• **TT14** Deck Length: 14 Ft. DISC. SALE PRICE ..... ~~$1,695~~
List Price ..~~$2,465~~ **$1,572**

9 TON DECK-OVER-WHEELS 9 DOW



NEW MODEL 9 DOW

9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control

Regular List Price, Setup.....$5,500.00
Regular Sale Price Only.....$4,350.00
CLEARANCE SALE PRICE.....ONLY **$4,200**

Also Available: B9 DOW BUDD WHEEL MODEL.....**$4,400**

3 Pt. Hitch SUB-SOILER

Dig Up That Hard Pan w/Your Small To Medium Size Tractor.

ONLY.....**$98.00**

3 PT. 1 BOTTOM 16" PLOW

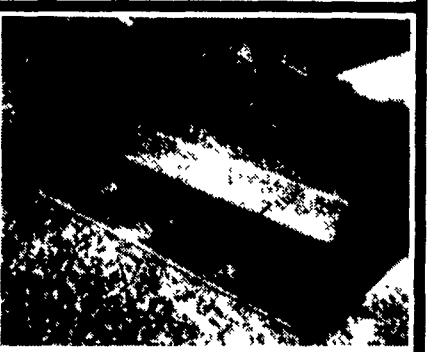
For Your Small Tractor

Only One In Stock

DISCOUNT SPECIAL
$225.00

New Case Factory Built LOADER BUCKETS

To Fit:
- Case 60, 65, 70, 75, 85, 56, 74, 90, 96 Series
- IH 2000 Series Loaders Red Paint
- 60" Wide..... **$235**



BRAND NEW WALDEMAR 10½ FT. FIELD ROLLER

18" Dia. Roller
Reg. List... ~~$975~~
DISCOUNT SPECIAL **$789**

3 PT. ROUND BALE SPEAR

SOUTHEAST Brand

Weight: 105 Lbs.
Take Your Pick
ONLY **$130** EA.
While They Last
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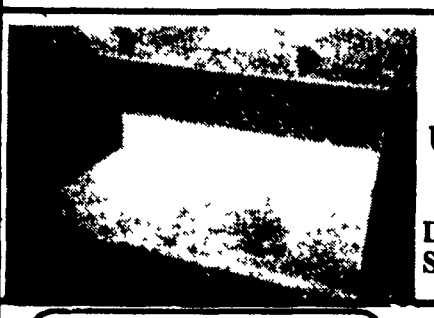


Brand New Case Built 60" UTILITY UNLOADER BUCKETS

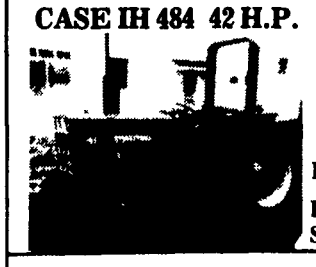
For Case 1830 & 1835 Uniloaders
DISCOUNT SALE PRICE **$466**

BRAND NEW ONE ONLY SPECIALS

CASE 1294 Fender Tractor w/ROPS 55 H.P.
- 12 Speed Synchromesh Transmission
- Twin Valves
- 7.50x16 Front Tires
- 16.9x30 Rear Tires

Serial #91107, 90718
CASH PRICE... ~~$11,800~~
DEC. DISC. PRICE **$10,800**

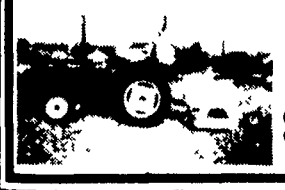
CASE IH 484 42 H.P.



- 8 Speed Synchromesh Transmission
- 7.50x16 Front Tires
- 14.9x28 Rear Tires
- ROPS Frame
- Hyd. Remote Set

List $16,025 Serial #J010476
SALE PRICE ~~$9,650~~
DISCOUNT SALE PRICE .. ~~$9,450~~ **$8,950**

BRAND NEW SPECIAL IH 244 DIESEL, 21 HP



w/Farm-Type Tires
SPECIAL ONLY
$6,690

NEW CASE 1835 B DIESEL UNI-LOADER

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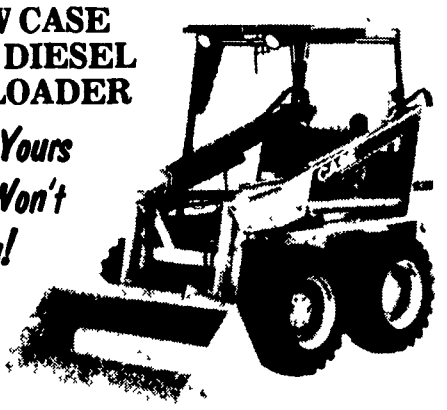
$11,850



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MODEL 2300 Vacuum Spreader
1000/PTO PB-3 PUMP
10 YEAR PRO RATED TANK WARRANTY
AMERICAN BUILT VACUUM PUMP
OPEN REAR DOOR
HEAVY DUTY UNDERCARRIAGE
OPTIONAL INJECTION ATTACHMENTS
List Price ~~$12,755~~
DISCOUNT SALE PRICE **$7,952**

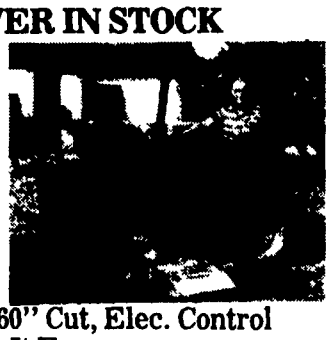
MODEL 3350 Auger Matic Spreaders In Stock
AUGER AGITATION
POSITIVE UNLOADING
HEAVY DUTY UNDERCARRIAGE
OPTIONAL INJECTION ATTACHMENTS
List Price ~~$12,240~~
DISCOUNT SALE PRICE **$7,980**

All Setup With Tires And Ready To Go!

WOODS MODEL F35 UNDERMOUNT LAWN MOWER IN STOCK

Custom designed for International tractor model 234... WOODS F35 undermount mower cuts a 5 foot swath and offers a new high in mowing performance

One Only
Serial No. 1726

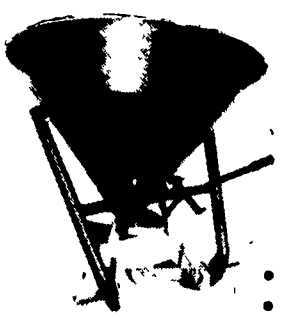


MODEL F35 H 234, 60" Cut, Elec. Control Makes It Easy
List Price... ~~$1,470~~
DISCOUNT SALE PRICE **$1,185**

BRAND NEW 18 FT. IMC TRAILER

w/Brakes, Tandem Axle & Loading Ramps
$1,755
Additional cost for hookup or wiring

Also Available In Stock:
16 FT. TRAILER
ONLY **$1,695**



NEW! 3 PT. Fertilizer Spreader and Seed Caster

Accurately Broadcasts All Powdered And Granular Fertilizers and Herbicides, Seeds, Salt and Sand.
- Spreads up to 40 ft. swath
- Rugged all steel construction
- Epoxy finish protects against rust and corrosion
- Instant on/off

Choice of 3 Spread Patterns:
• Left • Full Rear • Right Spread

- **1M MODEL 1010** 10 Bushel Size..... **$329.00**
- **1M MODEL 610** 6 Bushel Size **$284.00**

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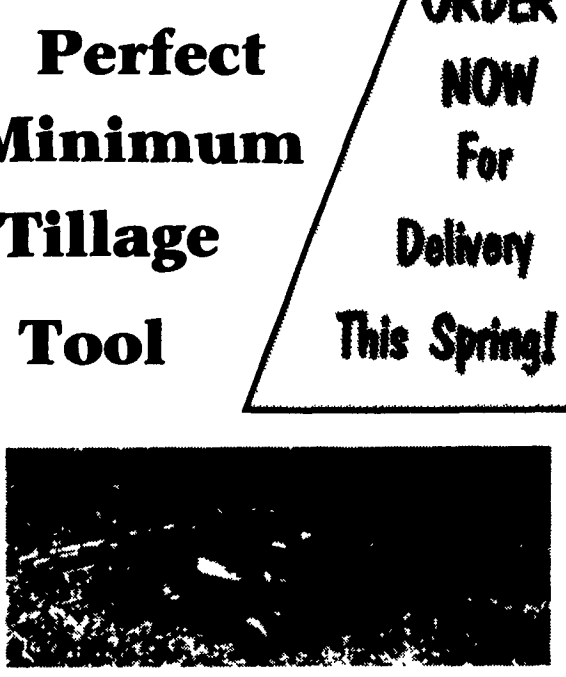

USED TRACTORS

MF 175 Diesel, Gear w/Multi-Power, PTO (W1238)

Versatile 160 w/Loader, Diesel, Hydro, 13.6x24 Tires, PTO, AC (W1364) ~~$22,500~~ $19,500

Steiger Tiger-Turbo w/3 Pt. Quick Attach, AC, Gear, 13.5Lx32 Tires (W1372)

Deutz DX-160 Diesel, Cab w/Air, 18.4x38 Duals (W9694) ~~$25,000~~ $18,900 Save $6,100

IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316) ~~$12,500~~ $11,700 Save $800

IH Farmall A w/Cultivators, Rear Wheel Weights 9x24 Tires (W1143)

IH F1206 Diesel, Gear, 20.8x38 Tires, 120 HP, Cheap-Dependable Power (W8934) ~~$9,000~~ $7,000 Save $2,000

Deere 4840D, Powershift, 20.8x38 Duals, 1000 RPM PTO, Cab w/Air & Radio (W1180) ~~$28,000~~ $26,500 Save $1,500

IH F560 Diesel, Gear, 2 Point Hitch, Wide Front (W9623) ~~$4,000~~ $3,200 Save $800

IH Farmall H, Clean Tractor (W9625) ~~$1,200~~ $1,025 Save $175

Ford CL-20 Skid Loader, Gas 8.50x15 Tires, 45" Bucket (W1183)

IH F1206D, New 18.4x38, Dual PTO, Extra Sharp Tractor (W9890) ~~$8,500~~ $7,500 Save $1,000

IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045) ~~$12,200~~ $10,500 Save $1,700

IH F1466D, 24.5x32 10P Tires, 11.00x16 8P, Dual PTO, (W1125) ~~$13,500~~ $12,400 Save $1,100

IH 3388 2+2 Tractor, 16.9x38 8 Ply Tires, Dual PTO, Full 4-Wheel Drive (W1109) ~~$24,500~~ $22,500 Save $2,000

IH F1566D Gear, Cab w/Air, 20.8x38 Duals, 165 HP, Cheap Power (W9921) ~~$14,800~~ $13,900 Save $900

IH F1466D Gear, 145 HP, 24.5x32 10P Tires, Aux. Fuel Tank, (W9236) ~~$14,800~~ $12,900 Save $1,900

IH F1066D Gear, 135 HP, 18.4x38 Tires, Dual PTO, T/A (W1058) ~~$13,500~~ $12,200 Save $1,300

IH F826D Hydro, COMPLETELY RECONDITIONED, 18.4x34 Tires, Dual PTO (W9743) ~~$10,500~~ $9,200 Save $1,300

IH F656 Gas, Gear, 3 Point, TA, PTO, (W9194) ~~$6,500~~ $4,900 Save $1,600

IH F1086D, ROPS, 20.8x38 8P Tires, Dual PTO, T/A, 145 HP, Excellent Tractor (W8729) ~~$17,500~~ $15,200 Save $2,300

IH Farmall 200 Gas, 11.2x36 Tires, Fast Hitch, PTO

IH Farmall Super C w/Cultivator, 2 Row (W8569) ~~$1,500~~ $1,250 Save $250

MF 35 Gas, 13.6x28 Tires, PTO, Heavy Loader w/Down Pressure. (W1093) ~~$5,400~~ $4,300 Save $1,100

Steiger ST 300 Cougar III, Cat 3306 @ 300 HP, 30.5Lx32 Tires, Cab w/Air (W1273) $27,500

USED COMBINES

Gleaner G Diesel, Gear, Cab, w/630 Cornhead & 13' Platform (U1369) ~~$15,000~~ $12,200 Save $2,800

IH 1460, Diesel, Hydro, 24.5x23 10P & 11.00x16 Tires, Cab w/Air, Monitor, AHC (U9559) ~~$39,000~~ $34,000 Save $5,800

IH 1440 Diesel, Hydro, 28Lx16 10P & 11.00x16 Tires, Cab w/Air, Monitor, AHC (U9645) ~~$39,500~~ $34,000 Save $5,500

IH 203 Gas, Gear, Cab, 14.9x24 6P & 6.00x16 Tires, 2 Row Cornhead & 10' Platform (U1205) ~~$3,800~~ $3,200 Save $600

IH 1440D Hydro, Cab w/Air, 1979, 24.5x32 & 18.4x16.1 Tires, Auto Head Control, Monitor (U1241) ~~$34,000~~ $33,000 Save $1,000

Massey Ferguson 510 Diesel, Hydro, 23.1x26 w/63 Cornhead & 13' Platform. (U7222) ~~$13,000~~ $6,800 Save $6,100

John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)

New Idea Uni-Harvester, Model 705 Tractor, Diesel, Model 767 Super-Chopper, Model 768 Wide/Narrow 3 Row Head (U1285)

IH 715 Diesel, Hydro, 18.4x26, Monitor (U7818) $8,750 Save $3,750

OTHER USED EQUIPMENT

IH 550 Plow, 5f, 14" Spring Trip, (T9857)

IH 710 Plow, 3F, 16, Auto Reset, Semi-Mount (T9916)

IH 540 Plow, FF, 16" Spring Trip (T9725)

Athens Model 156 Chisel Plow, 3 Point, 7', Depth-Gauge Wheels (T1284)

IH 55 Chisel Plow, 13' Mounted, 3 Rank, 32" Shanks, Gauge Wheels (T9894)

Krause Model 2416 Rockflex Disc, 26' Heavy Duty, 1¾" Arbor Bolts (T9020)

Deere Model 210 Disc - 12' 9" Spacing, 20" Blades (T9074)

IH 510 18x7, Grain Drill w/Fertilizer, DD Openers (V9905)

Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)

IH 540 Manure Spreader, 160 Bushel, Hydraulic Endgate, 8.25x20 Tires (V9769)

IH 595 Spreader, Hyd. Endgate, Dual Web, Upper Beater. Consignment (V9830)

IH 7' Cycle-Bar Mower, 2 Pt. Hitch (U1305)

Deere 110 Disc, 10' 9" Spacing (T8034)

Bush Hog Disc - 10' 9" Disc Spacing - Front, 7½ Rear, (T9109)

Brillion STT-01 Spring Harrow - 16' (T9185)

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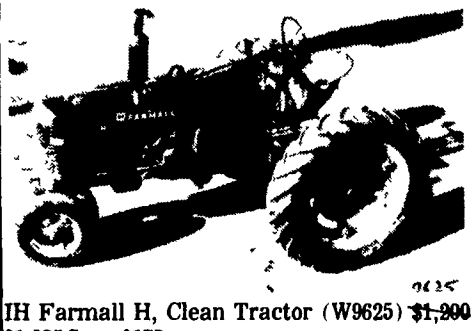
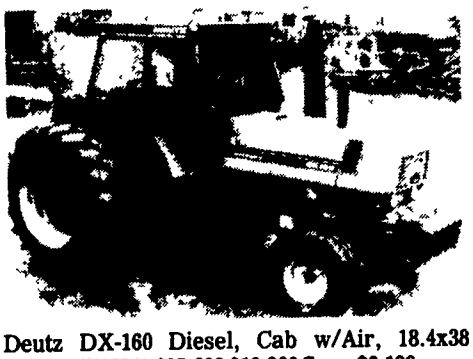
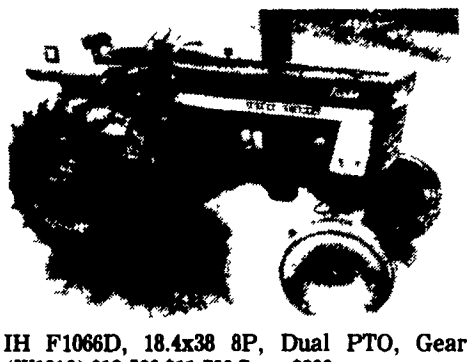


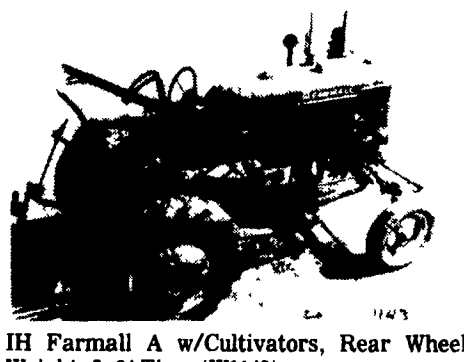
IH Farmall H, Clean Tractor (W9625) ~~$1,200~~ $1,025 Save $175.



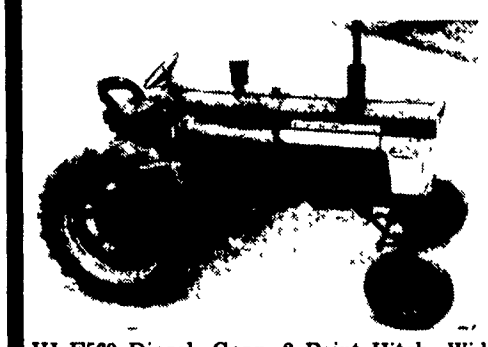
Deutz DX-160 Diesel, Cab w/Air, 18.4x38 Duals (W9694) ~~$25,000~~ $18,900 Save $6,100



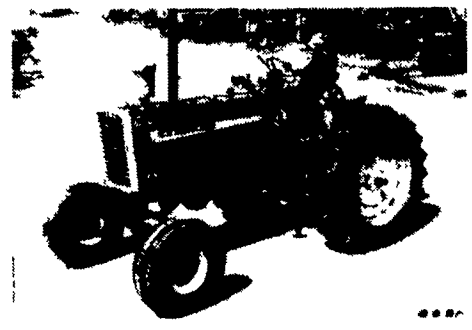
IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316) ~~$12,500~~ $11,700 Save $800



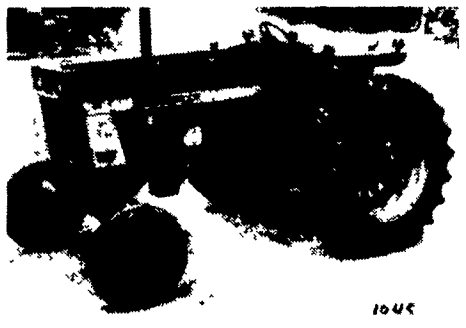
IH Farmall A w/Cultivators, Rear Wheel Weights 9x24 Tires (W1143)



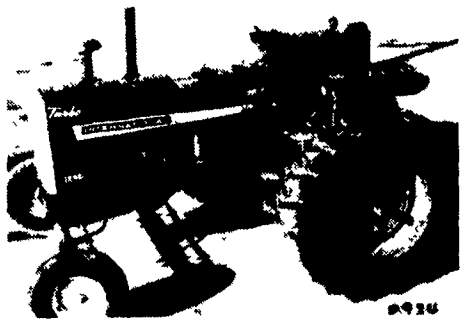
IH F560 Diesel, Gear, 2 Point Hitch, Wide Front (W9263) ~~$4,000~~ $3,200 Save $800



IH F1206D, N ew 18.4x38, Dual PTO, Extra Sharp Tractor (W9890) ~~$8,500~~ $7,500 Save $1,000

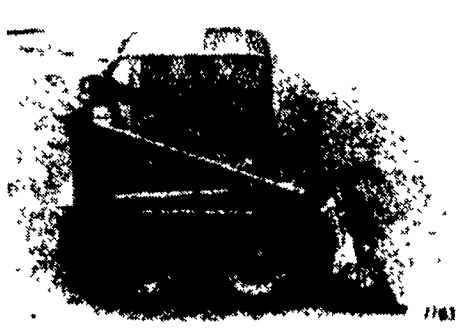


IH F1066D Hydro, 20.89x38 8 Ply Tires, Dual PTO (W1045) ~~$12,200~~ $10,500 Save $1,700

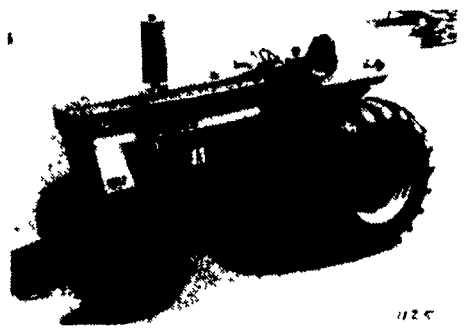


IH F1206 Diesel, Gear, 20.8x38 Tires, 120 HP, Cheap-Dependable Power (W8934) ~~$9,000~~ $7,000 Save $2,000

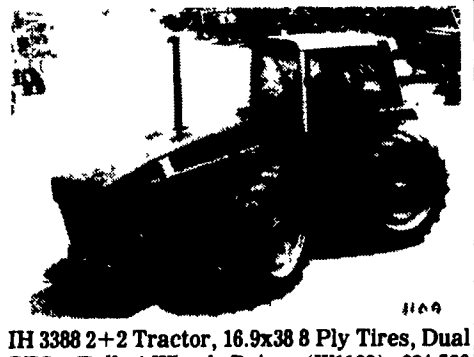
Deere 4840D, Powershift, 20.8x38 Duals, 1000 RPM PTO, Cab w/Air & Radio (W1180) ~~$28,000~~ $26,500 Save $1,500



Ford CL-20 Skid Loader, Gas 8.50x15 Tires, 45" Bucket (W1183)

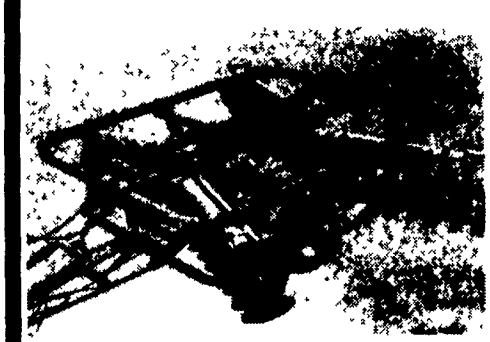


IH F1466D, 24.5x32 10P Tires, 11.00x16 8P, Dual PTO, (W1125) ~~$13,500~~ $12,400 Save $1,100

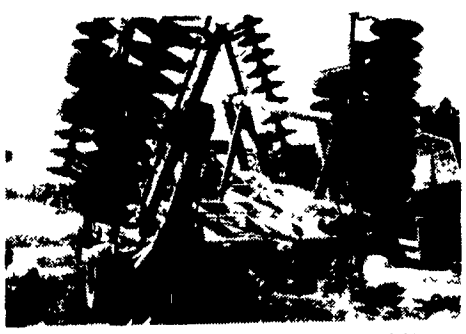


IH 3388 2+2 Tractor, 16.9x38 8 Ply Tires, Dual PTO, Full 4-Wheel Drive (W1109) ~~$24,500~~ $22,500 Save $2,000

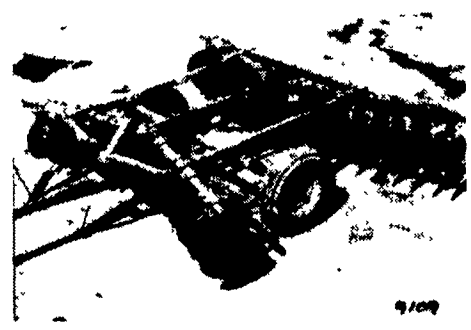
USED DISKS



Deere Model 210 Disc - 12' 9" Spacing, 20" Blades (T9074) ~~$2,500~~ $1,950 Save $650



Krause Model 2416 Rockflex Disc, 26' Heavy Duty, 1¾" Arbor Bolts (T9020) ~~$13,000~~ $12,900 Save $1,000



Bushhog Disc 10'9" Disc Spacing - Front, 7½ Rear (T9109) ~~$2,150~~ $1,400 Save $750

Deere 110 Disc, 10'9" Spacing (T8034) ~~$2,500~~ $1,575 Save $925

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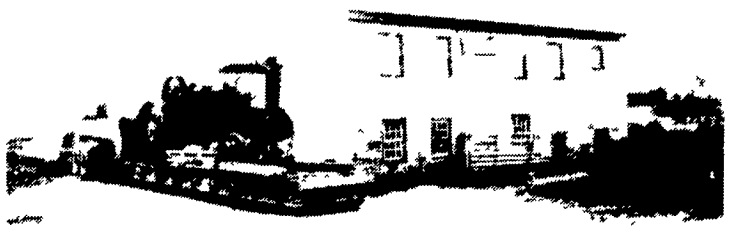

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Martin M. Weaver founded
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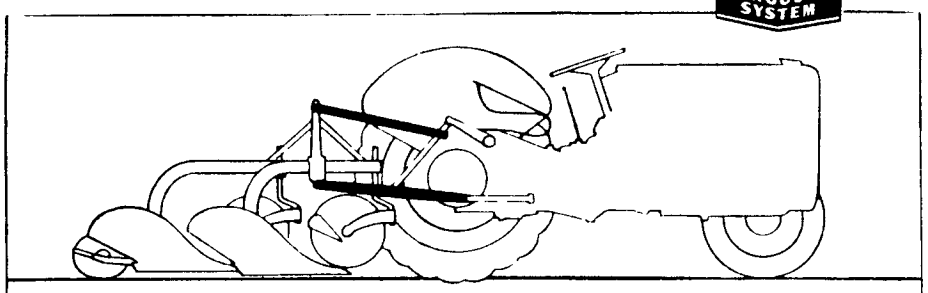
buying & selling used
equipment.

New Shop Built In 1947

Equipment On Hand, 1951

Mr. Henry Ford & Mr. Harry Ferguson

Ford Tractor
FERGUSON SYSTEM



Tractor and implements operate as a unit

An Historic Partnership That Has Brought a Revolution in the Production Costs of Agricultural Products

Over 40 years ago, Mr Harry Ferguson began development of a new system of farming based on new and fundamentally different concepts of farm power. The tractor and implements which resulted have proved beyond all doubt that Mr. Ferguson's concepts have brought about a revolution in farm production methods.

Mr. Henry Ford saw in the Ferguson System a new and better way of farming. To help give life to the new idea, Mr. Ford applied his manufacturing genius to the principles of the Ferguson System to produce the Ford-Ferguson Tractor on an automotive production line basis.

This historic partnership has made it possible to increase farm profits by lowering farm production costs and, at the same time, remove the drudgery from farm life.

The advantages of Flexible Farming with the Ferguson System apply to the raising of every kind of crop and to all types of soils; to the small farm as well as to the large.

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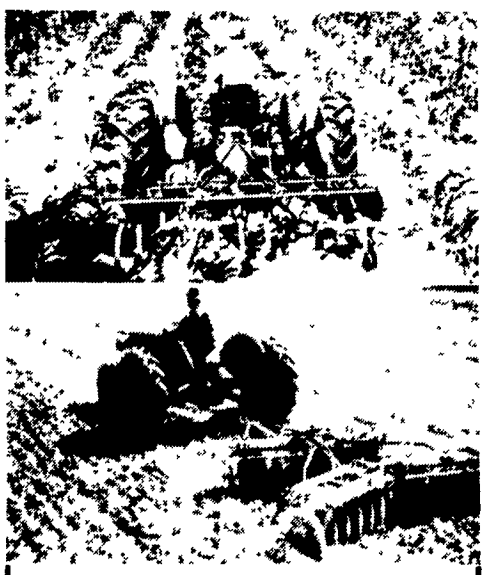

All This Led Up
To The
Massey Ferguson
Tractor In 1952

Today we are Known as

M.M. WEAVER & SONS, INC.

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MF Massey Ferguson **MASSEY FERGUSON FARM EQUIPMENT**

GENERAL PURPOSE TRACTOR
Will Meet Your Need

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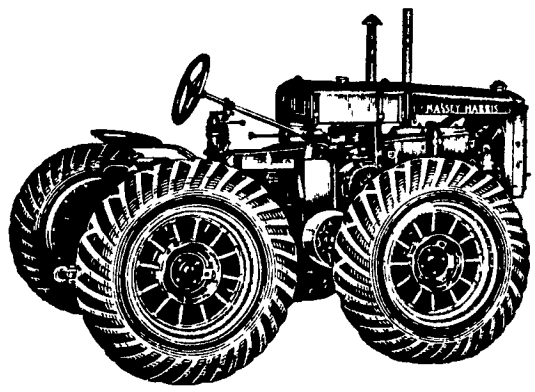
IMPROVED
4-WHEEL DRIVE
G. P.



Designed for general purpose work under difficult traction conditions, the new Four Wheel Drive Tractor supplies positive traction 365 days in the year It farms land too difficult for horses —too rough for ordinary tractors If your land is hilly, if your soil is muddy or sandy, this is the tractor for you. A favorite with orchard owners everywhere
Each of the four large drive wheels, kept in constant contact with the ground by an oscillating rear axle, takes its full share of the load Abundant traction per pound of weight—no skidding—no slippage—no side draft—no waste power The new 1936 model features improved effortless steering, efficient master gear oil seals, and a new and more efficient four-cylinder motor that burns all grades of fuel. Supplies power from drawbar, belt pulley, or power take-off Pulls implements now on your farm or easy-to-change implements described on the following page

FOUR WHEEL DRIVE SPECIFICATIONS

ENGINE—4" bore, 4½" stroke, four cylinder, 1200 r p m. Vertical—valve-in-head—removable cylinder sleeves

CRANKSHAFT — Double-balanced, heat treated, three bearings, total bearing length, 7 5/16" — 2" diameter.

OIL SYSTEM—Dual system forced feed by gear pump and dip pan splash—Oil filtering device
Transmission—Oil Bath
Rear Axle—Oil Bath
Chassis—Alemite high pressure grease system

IGNITION—High tension magneto with impulse starter

FUEL—Gasoline, kerosene or distillate

AIR CLEANER—Massey-Harris, oil flush type

GOVERNOR — Variable speed, centrifugal type, enclosed and oiled by the pressure system

COOLING SYSTEM — Tubular type radiator, Centrifugal type water pump—18" fan. Mounted on ball bearings and driven by a "V" belt

CLUTCH—Single Plate, Twin Disc, hand operated

BELT PULLEY—12" diameter—6½" crown face, balanced removable, 800 r p m —2513 ft. per min belt speed

TRANSMISSION—Massey-Harris special Gears drop forged steel—machine cut teeth, carburized and hardened, enclosed in dust proof case, running in oil

TRACTOR SPEEDS—Low 2.2 m r h , intermediate 3 2, high 4 m p h Reverse 2½ m p h

BEARINGS—Ball and roller throughout

BRAKES—Two, one for each front wheel mounted on differential

DRIVE WHEELS—Four, 38" dia , 8" face, open or closed wheels are optional

WHEEL BASE—52½"

TREAD—48", 56", 60", 66" and 76"

CLEARANCE—30" between axle and ground All widths of tread

TURNING RADIUS—Inside, without brakes, 6½ ft With brakes 3 ft

HITCH—Swinging drawbar

LUG EQUIPMENT — 2 bolt lugs furnished as standard equipment

POWER TAKEOFF (Extra equipment) — 545 r p m Standard 1¾" spline connection, 1⅜" special

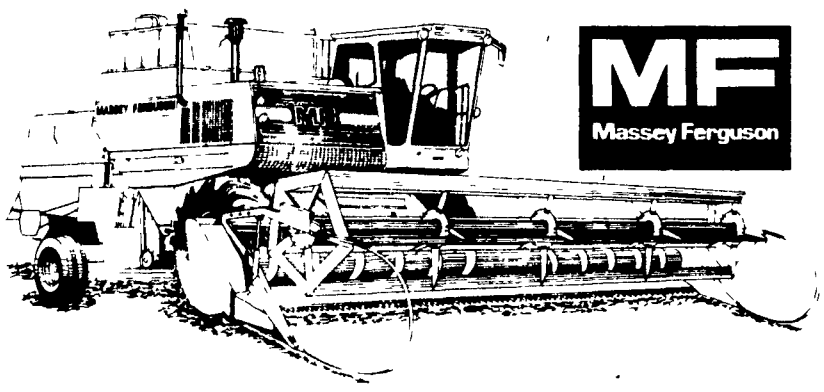
Our Heartfelt THANKS To All Our Friends And Customers Who Made Our 50 Years In Business Successful. We Are Looking Forward To Meeting You During Our Open House Sales Days To Help Us Celebrate!

M.M. WEAVER & SONS, INC.

50th ANNIVERSARY SALES DAYS

December 23, 27, 30 & 31, 1985; January 2 thru 17, 1986

OPEN HOUSE on Thursday, January 2, 1986



USED COMBINE SPECIAL

WAIVER TO JAN. 1, 1987

OR 9.9% APR MF FINANCING!

If you're ready to trade up to a pre-owned combine, we've got a combine and a very special offer for you. Come in now and get special MF financing. For cash/no-trade deals we can even offer some additional discounts. See us for full details before the year ends — and these offers end.

10% OFF ALL USED COMBINES, TRACTORS & EQUIPMENT...CASH & CARRY

USED MF COMBINES

1983 MF 850 Hydro	$48,000	
1980 MF 760 V8 Hydro	$35,000	
1980 MF 760 V8 Hydro	$25,000	
1980 MF 550 Hydro	$19,000	
1980 MF 540 Gear Drive	$18,000	
1979 MF 760 Hydro 6 Cyl.	$29,000	
1979 MF 760 V8 Hydro	$29,000	
1978 MF 760 V8 Hydro	$22,000	
1978 MF 750 Hydro	$22,000	
1976 MF 760 V8 Hydro	$18,000	
1976 MF 760 Hydro	$19,000	
1976 MF 750 Hydro	$12,500	
1975 MF 750 Gear	$19,000	
1975 MF 760 V8 Hydro	$15,000	
1975 MF 750 Hydro	$12,500	
1974 MF 760 V8 Hydro	$15,000	
1974 MF 760 Gear	$9,500	
1973 MF 750 Gear	$12,500	
1974 MF 760 Hydro	$14,000	
1972 MF 760 Hydro	$15,500	
1972 MF 510 Hydro	$12,000	
1972 MF 510 Gear	$9,000	
1972 MF 300 Gas	$6,500	
1971 MF 510 Gas	$8,500	
1971 MF 510 Gear	$8,000	
1971 MF 410 Gas	$6,500	
1972 MF 300 Gas	$6,000	
1971 MF 300 Gas	$6,000	
1970 MF 300 Gas	$6,500	
1970 MF 300 Gas	$6,500	
1968 MF 510 Hydro	$9,500	
1968 MF 510 Gear	$8,000	
1957 MH 82 Combine	$600	

Above Combines Include Grain Tables, Less Cornheads, 61 Cornheads In 2, 4, 6 and 8 Row Sizes.

TILLAGE

Glencoe 11' Field Cult.	$1,900
Glencoe 9 Tooth Soilsaver	$6,900
MF 820 19' Wing Disc	$7,500
MF 820 19' Wing Disc	$8,500
MF 233 Disc Harrow	$4,100
MF 301 Soil Conditioner	$6,750
Amco F15B 18' Wing Disc	$12,800
MF 730 Offset Plow Harrow	$3,500
MF 345 3/16 Reset Plow	$2,800
MF 345 3/16 Reset Plow Demo	$2,500
MF 43 2/16 Plow	$1,150
MF 43 2/16 Plow Demo	$1,050
MF 43 3/16 Trip Plow	$1,650
MF 880 6/16 Hyd. Reset	$6,500
MF 880 4/16 Hyd. Reset	$1,200
IH 550 4/14 Semi-Plow 2 @	$650
Oliver 46 3/16 Plow	$425
Semi-Plow 5/16	$700
Brady 10' Chisel Plow	$1,800
IH 45 3 Pt. Field Culti	$975
Bush Hog Offset Disc Harrow	$4,000
Kewanee 730 Wing Disc	$1,900
Dunham 12' Cultipacker	$1,290
McConnell 12' Field Cultivator	$900
Hesston 3 Row Harvester Head	$1,100
NH 818 SP 2 Row Forage Harvester	$1,900
Brillion 12' P.T. Field Cultivator	$1,100
Oliver 565 4-16 Semi Plow	$900
John Deere F-350 5-16 Hyd. Reset Semi Plow	$2,200

USED TRACTORS

MH Pony w/Plow & Culti.	$1,400
MH Pony w/Plow & Culti	$1,600
Farmall Super A w/Plow & Cult.	$2,100
IH 574 Diesel Std.	$4,800
MF 175 D MP JB	$4,500
MF 175 D MP Std.	$4,300
MF 178 D	$4,800
(2) MF 1135 MP No Cab.	@ $9,000
MF 1155 MP & Cab.	$9,000
Ford County 1164 4 Wheel Drive	$6,800
MF 11 Industrial Shovel Loader	$9,500

HAYING & MISC. EQUIPMENT

E.Z. 16' Forage Box & 12 T. Gear	$5,700
Mott 72" Flail Mower	$1,575
Tye No-Till 10' Drill	$8,500
MF 33 17 Run Grain & Fert. Drill	$2,200
MF 925 9' Haybine	$2,800
Belt 16' Aluminum Elev. w/Motor	$750
Electrospray 110 Gal. Air Sprayer	$2,650
Walsh 3 Pt. Sprayer w/Boom	$850
Danuser Wood Splitter	$700
Danuser Post Driver	$1,300
Trail Blazer 3 pt. Crane	$129
(2) Trail Blazer 3 pt. Ball Fork	$195
MF 226 8' Scraper Blade	$535
York 7' 40BC Scraper Blade	$375
York 7' 55BC Scraper Blade	$590
MF 222 5' Scraper Blade	$310
York RW 7' Landscape Rake	$1,275
Zimmerman 8 Ton Gear	$680
MF 5 5th Wheel Steer Gear	$350
E.Z. 6 Ton Gear	$525
E.Z. 1074 10 Ton Gear	$1,150
Brady 12' Flail Chopper	$800
King Kutter 6' Rotary Cutter	$500

DEMO & RENTAL TRACTORS

MF 4880 4-Wheel Drive	$49,000
MF 3545 Cab M-P.	$28,500
MF 670 Cab 4-Wheel	$20,500
MF 670 Cab	$15,700
MF 250 8 Speed	$9,750
Northwestern 81 Skid Steer w/Bucket	$14,500

NEW EQUIPMENT SPECIAL

MODEL 345 SPRING RESET 3 BOTTOM 16" PLOW with SPRING CUSHION COULTERS and COVER BOARDS

List Price $3,532.00

SPECIAL PRICE $2500.00

SERVICE SPECIAL

MF Certified Service

Farm Equipment Does Not Breakdown When You Are Not Using It...But That's The Best Time To Repair It!

10% DISCOUNT ON PARTS USED ON MAJOR OVERHAULS OVER $500 DURING THE MONTH OF JANUARY 1986

SCHEDULE YOURS NOW!

MF Massey Ferguson

M.M. WEAVER & SONS, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd, 1 mile on the right, opposite Groffdale Mennonite Church

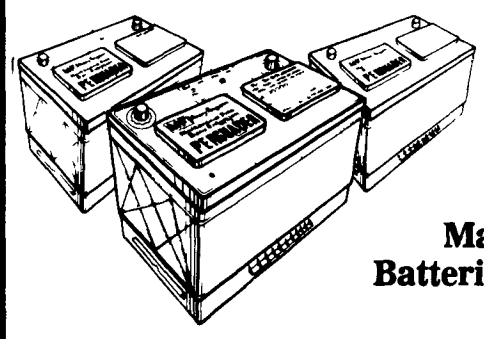
50th ANNIVERSARY SALES DAYS

■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

Dec. 23, 27, 30 & 31, 1985; Jan. 2 thru 17, 1986

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon
Closed Dec. 25 and Jan. 1
All Items Subject To Availability

WINTER SALE ITEMS

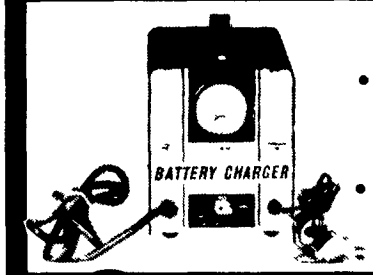


MF BATTERIES

Massey-Ferguson Batteries for all your needs

- Group 27, 284 - 795M1, Maintenance Free, 60 Month Guarantee. Pro-Rated, 595 Cold Crank AMPS
  List $80.40 — 25% SAVINGS = SALE $60.30
- Group 30H, 832 - 709M3, 36 Month Guarantee - Pro-Rated, 580 Cold Crank AMPS
  List $86.75 — 25% SAVINGS = SALE $65.05
- Group 24, 832 - 704M3, 48 Month Guarantee - Pro-Rated, 380 Cold Crank AMPS
  List $61.90 — 25% SAVINGS = SALE $46.40

ALL OTHER BATTERIES IN STOCK
20% OFF LIST



BATTERY CHARGERS

- 19-513A91, 20 Amp
  List $116.50 — SALE $87.05
- 19-512A91, 6 AMP
  List $53.90 — SALE $40.40

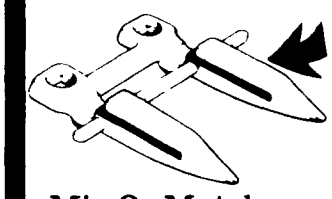
STARTING ETHER

- Starts stubborn engines in seconds
- Prolongs Battery Life
- Sprays to 65° below zero

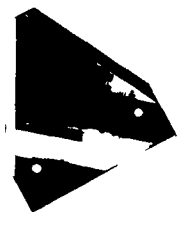
- HOT SHOT, 11 Fl. Oz. ..... SALE 99¢ Ea.
- Case Lot $11.88 LESS 5% $11.29

CUTTER BAR PARTS

It Takes Two Sharp Edges To Cut
Combine Guards!



BUY A GUARD - RECEIVE A SECTION FREE



Mix Or Match
Any Combine Sections ..... 85¢ ea.

ALL PURPOSE JACK

(Same As Handyman)

19-988A91 7,000 Lb. Capacity

List $59.60 SALE $40.50

LUBRICANTS

Selling Hydraulic Fluid Right Off The Trailer!

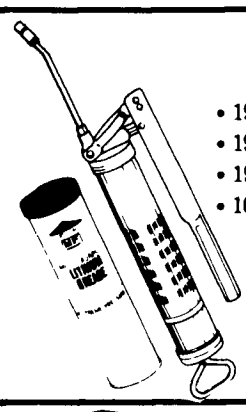
Offering The Lowest Prices....

UNIVERSAL HYDRAULIC FLUID
PERMATRAN III

Universal extreme pressure transmission & hydraulic fluid.

Stock One Oil For All Your Farm Equipment

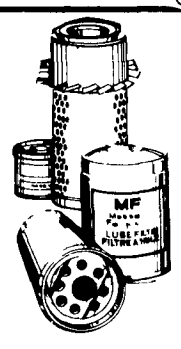
Lubricants	SALE	Cost Per Gal.
• Per III 841-743M1, 2½ Gal.	$ 12.35	$4.94
• Per III 841-744M1, 55 Gal. Drum	$221.40	$4.03
• Per III 841-784M1, 30 Gal. Drum	$132.88	$4.43
• SAE 15W40 841-738M1, Case 24 Qts.	$26.65	
• SAE 15W40 841-735M1, 55 Gal. Drum	$219.00	$3.98
• BRING YOUR OWN CONTAINER (Bulk) Per III		$4.75



GREASE AND GREASE GUNS

	List	SALE
• 1902-683M92 Lever Action	$9.15	$6.75
• 1904-778M91 Pistol Action	$15.12	$9.95
• 1902-684M91 Grease Hose	$3.20	$2.25
• 10 Pak 841-618M1 Lithium Grease	$9 90	$8.10

Approved by Bearing Companies
2% LESS CASE OF 50
$39.50



MF FILTERS

Lube, Fuel, Air, Hydraulic

Don't fall for look-a-likes - use Massey-Ferguson filters for better & longer engine life.

BUY ANY 6 FILTERS MIX OR MATCH, FOR 20% OFF REGULAR PRICE

GLENCOE CHISEL PLOW PARTS

	List	SALE
• P6167 L.H. Point HF	$13.53	$10.95
• P6168 R.H Point HF	$13.53	$10.95
• P6118 20" Disc Blade Coulter	$19.50	$15.75
• SS4124RC One-Piece Soilsaver	$12.08	$10.75
• SS4124LC One-Piece Soilsaver	$12.08	$10.75

PARTS DEPT. VACATION

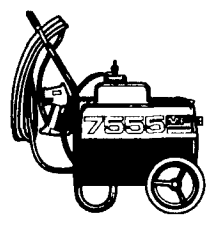
Radisson Orlando
7501 West Space Coast Parkway
Kissimmee, Florida

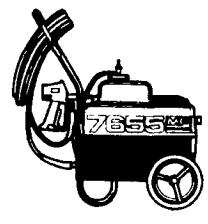
YOUR VACATION INCLUDES:
★ FREE! Deluxe Accommodations For 2 Children Under
★ FREE! Basket of Fruit upon Arrival
★ FREE! Welcome Morning Donuts!
★ FREE! $250 Worth of Discount Coupons & Attractions!
★ FREE! EPCOT Centers' 3-day Passport
★ A certificate That Makes You or Friends.
★ Transportation
NO GIMMICKS
JUST THE

FIRE EXTINGUISHERS

Don't be caught
Install reliable fire extinguishers in your cars, on trucks made of HD duty corrosive resistant with position-of-easy reading gauges

- 20004A91, 2½ Lb. . . .
- 20005A91, 5 Lb. . . . .
- 20006A91, 10 Lb. . .





PRE-UNIT

Purchase and save simple the connect a in the ele that's it!

- 7555
- 7655
- 8110

10% OFF ON ALL OTHER PARTS
Sold Over Counter From
Dec. 23 to Jan. 17, 1986
★ *Cash And Carry* ★

MF Massey Ferguson

M. M. W

LEOLA, PENNA. 1754
PHONE: 717-656-232

OPEN HOUSE

SPECIAL 1 DAY ONLY - THURSDAY, JANUARY 2, 1986

LUNCH WILL BE SERVED 11-2

Maintenance and Operation Seminars
10:30 A.M. Tractors
2:00 P.M. Combines

★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
★ Join us during Open House for Fun & Fellowship

T. SPECIAL PACKAGE

Value of $550

Customer Purchase alling $1,000 or More ill Receive FREE Florida Vacation Package!

FOUR DAYS AND THREE NIGHTS REE LODGING AT THE

ss Inn Maingate

For A Family of 4 (2 Adults and
upons For Restaurants, Stores
y Ticket or Magic Kingdom All-
p Transferrable To Relatives
n Not Included
NO LAND TOURS
THE SUN!!!

GUISHERS

ht without protection!

Massey-Ferguson Fire Ex- our home, the barn, animal rs and combines. They're duty carbon steel with non- inside and out, and operate -off squeeze grip; feature terproof gauges.

List	SALE
$21.30	$17.60
$28.75	$23.72
$50.15	$41.42

Prevent A Fire

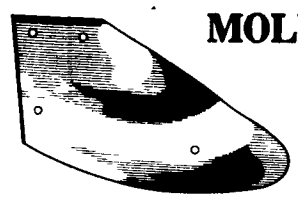
Buy A URE WASHER

assey-Ferguson Pressure Washer d money. Stop in today and see how chines are to operate. All you do is hose to the pressure washer, plug cord, add cleaning chemicals and

List	SALE
$469.00	$367.20
$570.00	$447.60
$2,077.00	$1,579.00

ject To Availability

TILLAGE PARTS SALE



MOLDBOARD PLOW PARTS

Direct Shipment From Manufacturer To Us Allows For These LOW PRICES

There Is A Difference: 3 Layers Of Steel For:
• LONGER LIFE • SHOCK RESISTANT • LESS CRACKING

16 INCH 4 BOLT PLOW SHARES

	MF Reg. Price	D S PRICE
• 475-167 M1 Reg. Long	$11.25	$8.77
• 475-715M1 Heavy Duty Short	$17.65	$9.79
• 475-716M1 Heavy Duty Long	$20.35	$10.32

18 INCH 4 BOLT PLOW SHARES

• 475-823M1 Reg. Long	$14.50	$9.70

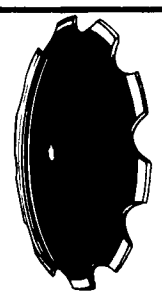
Fits All MF Plows

• 661-869 M91 Trashboard	$33.05	$11.62
• 660-020 M91 Shin	$17.97	$7.32

MOLDBOARDS

• 660-022 M91 14 Inch	$100 50	$50.66
• 660-206 M91 16 Inch	$104.50	$50.91

All Plow Shares Not Under Direct Ship Program Are 20% Less.
Plus The Best Warranty In The Industry!



Disc Blades

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center hole sizes available to fit non Massey-Ferguson machines

Number	Disc.	Dia.	Ga.	Shaft Sizes	List	SALE
• 155-1904 671M1	Plain	20"	6 ga.	1 1/8 Sq , 1 1/4 Sq.	$18.56.	$15.95
• 100-1904 669M1.	Plain	20"	7 ga	1 1/8 Sq., 1 1/4 Sq	$16.53	$14.25
• 150-1904 710M1.	Plain	22"	6 ga	1 1/4 Sq., 1 1/2 Rd.	$22.82.	$19.55
• 125-1904 712M1.	Plain	22"	256	1 1/4 Sq., 1 1/2 Rd.	$30.00.	$25.75
• 50-1904 728M1	Plain	22"	6 ga	1 1/2 Sq., 1 3/4 Rd.	$22.82.	$19.55
• 45-1904 677M1	Notched	22"	6 ga	1 1/8 Sq , 1 1/4 Rd.	$25.55.	$21.95
• 25-1904 739M1	Notched	28"		1 1/2 Sq , 1 1/4 Rd.	$66.90	$50.20

WEATHERED TWISTED CHISEL POINTS

- Heat treated, tumbled & varnished
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow bolts

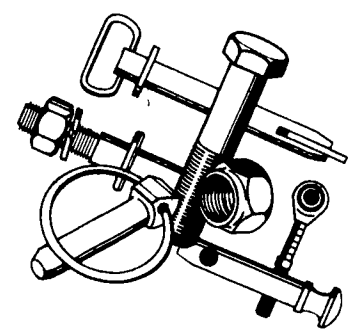
DF4995R	3x1/2x22 R.H.	$6.75
DF5995L	3x1/2x22 L.H.	$6.75

Massey Ferguson PAINT

Increase The Resale Value Of Your Machine With Massey Ferguson Paint!

HARDWARE AND HITCH PINS

Grade 5 Hardware
$1.50 Lb.



HITCH PINS w/RETAINER CHAIN

Number	Length	Dia.	List	SALE
• 30-149E91	6 in.	5/8 in.	$4.27	$3.68
• 30-151E91	6¼"	¾ in.	$4.73	$3.99
• 30-152E91	6¼"	7/8 in.	$6.27	$5.25

HITCH PINS w/PRESTO PIN

• 30-280E1	6¼"	5/8"	$2.67	$2.30
• 30-281E1	6¼"	¾"	$3.13	$2.75
• 30-282E1	6¼"	7/8"	$4.20	$3.50

LINCH PINS

- 6 For **$1.00** ..... Start w/6 Double Amount For **$2.00**
- 13 For **$2:00** Double Amount For **$3.00**
- 26 For **$3.00** ½ Times More For **$4.00**
- 39 For **$4.00** Or **10¢** Ea. For **$5.00**
- 50 For **$5.00**

TOP LINKS

AS LOW AS **$10.75**

NEW FROM MASSEY FERGUSON

POWERPART CHEMICALS

A Wide Variety Of Universal Products For Farm, Home, Industrial, Automotive, And Recreational Use.

SPECIAL OFFER

Penetrating Oil, 1904 866M1

BUY TWO, GET ONE FREE

Frees All Rusted, Frozen Or Corroded Lugs And Bolts

VER & SONS, INC.

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

20% OFF Regular Price

15% OFF REGULAR PRICE

★ Bring Your Own Containers - Get Bulk Price
"BUY QUALITY"

QUAKER STATE MOTOR OIL

50th ANNIVERSARY

SALE

Dec. 23, 27, 30 & 31, 1985
Jan. 2 thru 17, 1986

COMBINE HEADQUARTERS

RED HOT DEALS ON WHEELS

BIG FACTORY DISCOUNTS

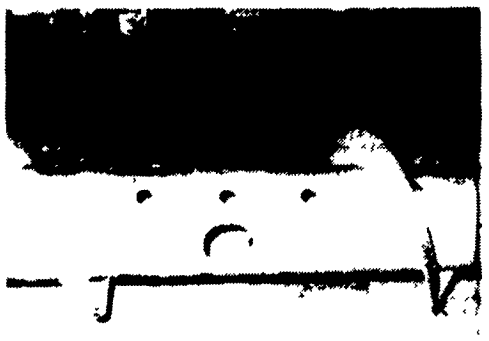
Get red hot deals on new Massey-Ferguson 3500 Series tractors. They're proven performers for 90 to 125 PTO horsepower jobs — 2 and 4 wheel drive. And now, you can take advantage of big factory discounts, plus special low-rate MF financing C'mon in, now. Offers good for limited time only.

PLUS 9.9% APR MF FINANCING

SCHMIDT "HEAVY DUTY REBUILT TABLE AUGER"

Before Repair

After Repair



Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!

Rebuilt augers are guaranteed to run true! "They are jig repaired."

We Can Rebuild All Makes Of Augers

Call Now For Appointment And Price Quotation To Have Your Auger Repaired

MF Massey Ferguson

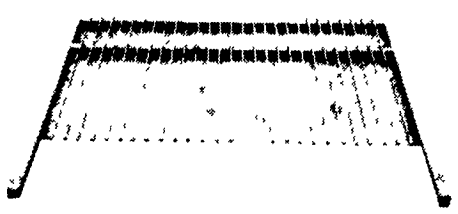
M.M. WEAVER & SONS, INC.

Leola, PA 17540
(717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

Weaverline

COB CORN GRATE

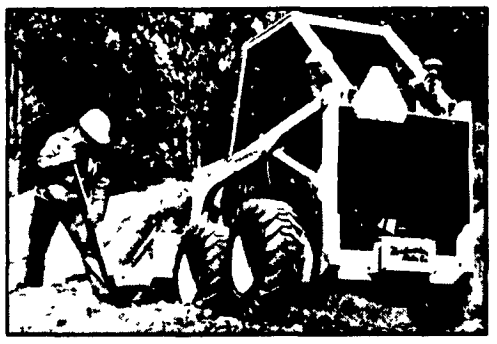


for M-F 750/850, 760/860 COMBINES

REPLACE THE REGULAR CORN SIEVES IN YOUR COMBINE WITH A WEAVERLINE COB CORN GRATE

- ★ Save More Cobs
- ★ Keep Out Corn Leaves And Husks
- ★ Extremely High Capacity
- ★ Simple, Rugged Design
- ★ Works Very Well On Hillsides

TOUGH, STABLE AND AFFORDABLE



NORTHWESTERN MOTOR COMPANY

SKID STEER LOADER FEATURES:

- A unique oscillating axle that smooths movement over rough terrain.
- 4-wheel drive that keeps you going.
- Dependable hydrostatic drive.
- A powerful 4-cyl. gas or diesel engine.
- A 40" wheel base for improved stability

List....$19,500

SALE **$14,500**

TAX TIP

Purchase Your New Equipment Before January 1, 1986 And Take Advantage Of Big Savings

* BATTERIES *

Willard BATTERY OUTLET

- TOP QUALITY BATTERIES •
- FULLY WARRANTED •
- EVERYDAY DISCOUNT PRICES•

EVERYTHING FROM

HEARING AIDS TO BULLDOZERS

AUTOMOTIVE BATTERIES As Low As **$31.95**

BURNHAM 717-242-1614	SHAMOKIN DAM 717-743-5383	STATE COLLEGE 814-234-3192	WILLIAMSPORT 717-323-5645
FEASTERVILLE 215-322-2909	LANSDALE 215-362-1849	LEVITTOWN 215-946-2288	

Merry Christmas to All!

Please accept our sincere thanks for your valued friendship and patronage

Stauffer Diesel, Inc.

312 W Main St
New Holland, Pa

JOHN DEERE TRACTOR

8640 Model, 600 hours, like new with all factory updates, $56,500

JOHN DEERE MOLDBOARD PLOWS

2800 Series, 8 bottoms, 14" to 24" $7,000

Above equipment in like new condition
Price negotiable as package deal

301-822-2976

END OF SEASON SALE!

• Company Rebates • Dealer Discounts • Low Interest Financing
• 1985 Investment Credit

IN STOCK READY FOR DELIVERY

AC 8010, cab & air 107 hp; AC 6080 4WD, 84 hp; AC 6080 w/Cab, 84 hp; AC 6060 4WD, 64 hp; AC 6070, 70 hp; AC 6060 w/Cab, 64 hp; AC 5050 4WD, 52 hp; AC 5045, 44 hp; AC 6140, 40 hp; Kubota 7500 2 & 4 WD, 71 hp; Kubota 6950, 4WD, 66 hp; Also on the road soon to arrive 60 hp Deutz-Allis.

Come in & compare our prices per hp & our features. You'll be surprised at the savings on quality tractors. We have parts & we service what we sell. Trades welcome.

NEW ARRIVALS FOR SALVAGE YARD

JD B, IH 240, JD 60, AC 200.

USED TRACTORS

AC 7040, cab & air + power shift. 7030, cab & air. 7010 Cab, PS, 7000, cab. 200, 190XT, 190 XT Series 3, cab. 190XT, 4WD. 6080, 6060, 4WD. 6060, with loader. 175, 160, D17, gas & diesel. D15-3 pt. B, CA.
JD 5020, cab & duals. 4320, cab. 2 - 3020D. 2840 with loader. 2640, 2040.
IHC 756. 706D, cab. 684, 674, 544, Super MTA, H, 230, 140, 100, Super A, with equipment, Cubs
Ford 5000, 5000 Diesel, 4000, 800, 600, 641 w/Hyd. Front End Loader, 8N's, 9N
Kubota 7500, 4WD Demo.
MF 175, 135

INDUSTRIAL

Tractor Loader Backhoes - MF 2000, AC 715B, JD 310A, Case 580C, all with cabs except MF 2000
Yanmar 336
Crawlers with loader AC 655. JD backhoe attached from 450 crawler loader
JD 430 Crawler with blade. +3 pt.
Tractors with Loader, 3 pt. hitch & PTO. IHC 2400A, 2444, Ford 515, 535, MF 40B, MF 205
Skid Steer Loader NH 445, 225, Bobcat 610 - gas. 611 - diesel
Log Skidders - 3, JD 440 series A & B. Pettibone w/loader attachment
AC 100+ HP Power unit with clutch, Ford 50 HP power unit
3, 6, & 12 ton Tag-a-long Trailers
AC 706B Fork Lift with 30' mast
Int. 3 Pt. Hitch Backhoe

LIQUID MANURE EQUIPMENT

4 Used Tank Type Spreaders
15 Used PTO, Ground Drive & Conventional Spreaders
2000 gallon Vacuum Liquid Manure Spreader, excellent condition
Patz 3000 gallon Liquid tanker
Better Bilt 1500 gallon Liquid Tanker
Used Martin Scavenger 1263 Manure Spreader

HAY EQUIPMENT

Hesston Round Bale or Stack Processor, model 10, like new
Haybines - NH 477, 489, Hesston PT 7, PT 10, 1070, 1090. New Idea 299. NI 7' & 9' Cutditioners
Hay Tedders. Fahr, Kuhn, Neimeyer. Centipeed Tedders. Grimm PTO & Ground Drive, Reel Tedders
Used Side Rakes - NH 256, 56, 55. JD, New Idea
Balers with Thrower - NH 273, 275, 310, 315, IHC 440, JD 24T
Round Balers NH 850, 846 - like new, Hesston 5800

FORAGE EQUIPMENT

NH #8 3 Beater w/Roof, Like New
Direct Cut Head From NH 782, Like New
Large Selection Chisel Plows, 3 Pt. Hitch & Trailer Models, 7 to 13 Shank
Forage Harvesters NH 718, Super 717, 717. Hesston 7020, 2000-100, 2000-150
Large selection 1 & 2 row Heads, pickup heads - NH 890 - 3 row narrow head
NH 770 - 1 row snapper head
Used Forage Blowers, Gehl 99 - like new, Ford 618, NI 620, IHC 56 JD 6500 - like new
NI Corn Pickers - 4-323 1 row, 310-1 row only $1175, 325 - 2 row narrow
324 - 2 row wide, with husking bed or super sheller
Flail choppers 2 - NH 34, 1 like new, JD 16A like new
New Farmhand Regrinder Blower, 50% Discount

FORAGE BOXES

3 used AC, Gehl - 3 beater with roof, tandem gear. Lamco, Grove, New H & S, in stock

MISCELLANEOUS

1970 Ford 800 Louisville Truck, 22' Grain Body w/Hoist, Tandem Axle, Low Mileage, Very Good Cond.
Hesston Stack Hands #10 & 30 Stack Mowers
20 Misc. Hyd. front end loaders for various models & makes tractors. Call for your needs.
Used Hay & Grain elevators, 24' to 48'
Kiwanee 12' Cultimulcher
3 Farmhand Corn Blurr's For High Moisture Corn Priced From $595 to $1495

THIS WEEK'S SPECIAL!
NH 851 Round Baler, Like New
$5,885

MARSHALL MACHINERY, INC.

5 Miles East of Honesdale, Pa.
NE Corner of Pennsylvania, Rte. 652
717-729-7117
SALES & SERVICE for AC, KUBOTA, HESSTON, BRILLION, STARLINE, NEW IDEA

HOLIDAY GREETINGS

USED TRACTORS

JD 4630 cab & air
JD 4630 w/4 post roll guard
JD 4520 w/cab & loader
JD 4430, cab, air, quad range
JD 20[SOLD]ader
JD 2510
JD 2640 w/loader, like new
JD 2940, excellent cond.
1977 JD 4430 w/cab & air power shift
JD 4320, cab & air
JD 2510 Gas
JD 820 Diesel
JD 4010
JD 4020 w/cab
JD 4020 side console
JD 3020 Diesel
IH 1086 cab & air
Int 986 cab & air
IH 966
IH 574, like new
IH 806
IH 766 w/cab
IH 656 utility w/loader
IH 666 gas
IH 364 w/power steering
IH 84 hydro, 500 hrs.
Farmall Cub w/new Woods mower
Ford 3400 w/Loader
Ford 1700, 200 hrs.
AC 210 diesel
AC 170
MF 205, 4WD
David Brown 1200
Satoh 4WD w/loader, used 200 hrs.
Kubota L305F diesel w/front wheel drive, like new

USED PLOWS

Int. 5 btm. 18" spring reset plow
White 5 btm. 18" spring reset plow
Int. 6 btm. Toggel trip high clearance plow
Large selection of 3 to 7 btm. plows

GRINDERS & MIXERS

Gehl 120
Gehl 95
IH 1150 $1,450.

USED COMBINES

444 JD corn heads
443 & 643 corn heads
JD 3300 combine
1975 JD 4400 diesel
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 4400 gas, rotary screen

USED PLANTERS

JD 7000 4 row Dry fertilizer
JD 7000 6 row no till
JD 7000 6 row conservation, liquid

Used Moore no-till grain drill

USED HARVESTERS

Fox 2 row snapper head
Fox Custom 90

Gehl flail head, excellent condition

HAY EQUIPMENT

NH 472 haybine
NH 489 haybine
Gehl 1090 haybine
NH 310 w/thrower
Gehl 1500 Round baler
Large selection of hay rakes
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 275 baler w/kicker
NH 1010 Stacker Bale Wagon
NH 1033 Stacker Bale Wagon
NH 1034 Stacker Bale Wagon

NI 244 tandem spreader, like new

MISCELLANEOUS

Int. 510 grain drill
JD 30 ft. Implement Trailer
Large selection of smaller discs
Danco hydraulic rear unloading silage wagon on tandem running gear
Badger 16' Forage Wagon, 3 Beaters w/roof, tandem running gear
New Farmhand loaders for IH and JD tractors
NI 323 1 row picker
NI 2 row wide, 12 roll, $3,000.
Kewanee hydraulic fold 18' disc
1974 GMC w/new 16' grain body & hoist w/air brakes
1979 GMC Brigadier tandem w/20' flatbed, 6-71 Detroit diesel engine, excellent condition
Big V snow plow 12' wide

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

WENGERS INC.

TELEX 316290

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT

CORNHEADS

AC 2 Row for A, E, K, E III, F
AC 3 Row for A, K
AC 4 Row for G, C, C II, L, M, F
AC 6 Row for C, C II
JD 2 Row for 40, 45, 55, 95, 3300, 4400
JD 3 Row for 45, 55, 95, 3300, 4400
JD 4 Row for 105, 4400, 6600, 7700, Etc.
JD 6 Row for 6600, 7700, Etc.
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715
IH 3 Row for 203, 205, 315, 403, 715, QT
IH 4 Row for 403, 715, 815, 915
IH 6 Row for 815, 915 - All QT
MF 2 Row for 300, 410
MF 3 Row for 300, 410, 510
MF 4 Row for 410, 510, 750, 760, Etc
MF 6 Row for QT
Oliver 2 Row for 25, 525
Oliver 3 Row for 525, 535, All QT
Oliver 4 Row for 535, 545, 555, All QT
Case 2 Row for 600, 660
Case 3 Row for 960, 1160
Case 4 Row for 1160
NH 2 Row for 975
NH 4 Row for 975, 985, All QT

BALERS

NH 315 w/Thrower
Ford 530
Case 220
IH 37
Extra Throwers
JD 214 Wire Tie

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 323-Demo
(3) Ni 323 - Used
NI 10 1X Pull

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 5000 Rollbar
Ford 4000 Cab
Case 930 Cab
Ford 9600 Cab
Ford 6600 Cab
JD 4320 Cab

SHELLERS & GRINDERS

MM 1200 Sheller
NI 315 Sheller Attach.
NI 314 Sheller Attach.
NI Super Sheller Attach
NI 317 Grinder Attach.
NI 318 Grinder Attach.
IH 234 Sheller Attach.
JD 43 Pull Sheller
JD 43 3 pt. Sheller

HAYBINES

NH 478-7'
Hesston 1070-7'
JD 1209-9'

PLOWS

AC 2x & 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x-6x-7x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (3 pts) 2x-3x
Oliver (pull) 3x
White (semi, Reset) 4x-5x
Ih 1x (FH & MTD)
IH 2x, 1 pt, FH & 3 pt
IH 3x FH & 3 pt.
IH 4x pull
IH 4x Reset (On Land)
IH 550 5x (Semi)
IH 710 5x (Semi)
IH 710 6x (Semi)
Ford 1x & 2x (3 pts.)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt.
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover

LOADERS

Loader Off D B 990
Loader Off AC D19
Ford Off 8N
Freeman Off 880 Brown
AC Off 1600
JD 36A Off 1020
Loader Off JD 420
Souders Loaders
Case for 970 & Larger
IH for 300 Utility
IH 2250 Loader
IH 2050 Loader
IH 2000 Loader
IH 3000 Loader
Loader Off AC 190
Loader Off Ford 8000

DISC'S

IH 8' 10'-11'-13' Transports
JD Plowing Disc-10' & 12'
JD BW-14'
KK 6' 3 pt.
Kewanee-13' Rock Flex
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
IH 7' Pull Type

HARVESTERS

Fox Super 1000
JD 38
MF 260
NI 705 Uni System
NH 718
IH 555
NH Super 717
JD 34

SICKLE MOWERS

JD 9 3 pt
Ford 3 pt
IH Cub
IH FH
Sitrex 3 pt. dynabalance

CULTIVATORS

AC D14-D15 2x
Ford 2x
JD 2x (H & 420)
JD RG6
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A
IH C-H-M 2x Frt
IH 461 Ftr Mtd 4x
IH 4x FH
IH 153 4x 3 pt.
1x3 pt. - New
Westgo 6x 3 pt.

COMBINE SALE EXTRAVAGANZA

All Combines Have Cabs

- JD 3300 D-R Screen-QT-Base $7420
- JD 6600D-R Screen-Hydro-QT-Base $8920
- IH 615G-R Screen-QT-Base $5940
- White 7300 G-QT-Base $5870
- Gleaner K-R Screen-QT-Base $8610
- MF 300 G-QT-Base $4860
- MF 750D-QT-Base $9340
- JD 45 SB-Base $2810
- Case 600-Base $2490

CORN & GRAIN HEADS AVAILABLE

HARVESTER HEAD SPECIALISTS

(75 In Stock)

1X Corn for NH, Fox
2X Wide for NH, Fox, JD, IH
2X Narrow for NH, Fox, JD, IH
3X Narrow for NH, Fox, JD, IH, MF, Badger
1X Snapper for NH
2X Snapper for NH, Fox, JD
3X Snapper For Fox, JD
Pickup's for NH, JD, IH
Cutterbar's for NH, Fox, JD, IH

LOTS OF EXTRA COMBINE GRAINHEADS TO FIT MOST MACHINES

TRUCKS

1947 Ford Pumper Truck $2950
GMC w/Grain Body $1500
1975 Ford 8000 TT $6750
1975 Transtar $6750
1966 Chevy C60 Dump $4500

FIELD CULTIVATORS

JD 12' 3 pt.
JD 18' 3 pt.
Glencoe 13' 3 pt.

MISC. EQUIP.

JD 6500 Blower
24' Cardinal Elevator
Spike Harrow
Corn Drags
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
10' & 12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert. Spreader
Hesston 30 Mover
JD Tedder
(5) Bale Wagons
(2) Hesston 10 Stackers
NH 32' Elevator
Danuser PHD
Fox 660 Blower
JD 8200 Drill
IH 510 Drill
IH 56 Blower

CULTIPACKERS

9'-12'
14' w/Transport

TRANSPLANTERS

2 Row - Pull & 3 pt.
1 Row - 3 pt.

ROTARY MOWERS

JD 5' Pull
Modern 7' Pull
Toro 3 Gang Reel (SP)
Ford 7' Pull
Woods C80 Pulltype
Woods 6' Offset, 3 pt
FMC 13' Pull Type

DUALS

18.4x34 MF Axle
18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18 4x38 Snap On
18.4x38 Ford Axle

FORAGE WAGONS

JD 214 | Gehl
Fox 625 | Gehl 940

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
760 Harvester
3x30 Harvester Head
705 Diesel Tractor
2x40 Harvester Head
QT Throat Assy.
710 Combine

HAY RAKES

Sitrex 4 Wheel-3 pt
JD 660

SPREADERS

NH Tandem Axle-250 Bu
NI 12A - Like New
Betterbilt 2100 Liquid Spreader
JD R
NI 14-Like New

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger

CORNPLANTERS

IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt
MF 2x 3 Pt.-New
IH 56 - 2 Row
IH 449 4x Pull
JD 290 2x Pull
IH 400 Air

CHISEL PLOWS

JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt.)
Kent 7' Soilsaver
Lely 12' Roterra
5', 8', 10' 3 pt.
1 tooth 3 pt. subsoiler

CULTIMULCHERS

Brillion 12'
JD 930 - 12' 3 pt.

NEW EQUIPMENT SPECIALS

ROTARY MOWERS

40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $395
4' 3 pt Heavy Duty $495
5' 3 pt Standard Duty $395
5' 3 pt Heavy Duty $495
6' 3 pt Heavy Duty $695
7' 3 pt Heavy Duty $1395
4' pull Heavy Duty $595
5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $1195
5' 3 pt Estate $1295
6' 3 pt Estate $1495

SICKLE BAR MOWERS

6' 3 pt pitmanless $1495

SCRAPER BLADES

6' 3 pt Heavy Duty $175
7' 3 pt Heavy Duty $195
8' 3 pt Monster Duty $695

CEMENT MIXERS

3 pt 9 cu ft. $495
3 pt 12 cu ft. $550
3 pt 20 cu ft. $695

STONE RAKES

6' 3 pt. $495
7' 3 pt. $550
8' 3 pt. $595

HAY TEDDERS

2 Wheel Pull PTO $895
2 Wheel 3 pt PTO $895
4 Wheel Pull PTO $1595
4 Wheel 3 pt Ground $465

HAY RAKES

4 wheel 3 pt. $465

WOODSAWS

3 pt PTO 30" $399

CULTIVATORS

1 row 3 pt $95

BOOM POLES

Standard 3 pt. $79
H.D. 3 pt. $179

POTATO PLOWS

1 row 3 pt $95

ROTOVATORS

50" 3 pt Standard Duty $875
60" 3 pt Standard Duty $975
60" 3 pt Heavy Duty $1275
66" 3 pt Heavy Duty $1375
72" 3 pt Heavy Duty $1775
74" 3 pt Standard Duty $1475
82" 3 pt Heavy Duty $1975

LOADERS

3 pt snow & dirt bucket $695

SEEDERS

PA 150 3 pt $275
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES

3 pt 5'6" $495
3 pt 6' $495
3 pt 7' $595

TRAILERS

1985 4 ton 14' $1595
1985 4 ton 16' $1695

POST HOLE DIGGER

3 pt 6", 9", 12", HD $495

CHISEL PLOWS

3 pt 9 tooth spring loaded $595

DIRT SCOOPS

3 pt Reversible $395

WINCHES

3 pt 6600 lb $1495

DISC HARROW

5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS

3 pt 1 shank HD $369

BALE MOVERS

3 pt 3 tine HD $379

FORKLIFTS

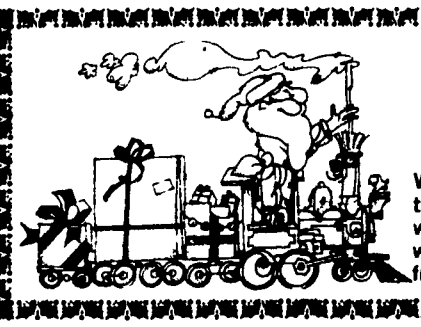
3 pt tilt cyl HD $2495

WAGONS

6 ton $450
8 ton loaded $550
10 ton loaded $625

BACKHOE BUCKETS

12" $495
18" $595
24" $695
36" $895
Add $200 For H.D.



Holiday Greetings

We know we're on the right track when we say, "Have a wonderful Christmas in every way .and thank you dear friends!"

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135
TELEX 316290
NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A w/Widefront	$1500
3010-WF-3 pt.	$2900
730 Gas-Try	$2900
3010 Gas-Try	$2900
R-New Paint	$2900
730D-Try-3 pt.-Direct Ele.	$3200
420-WF-3 pt.	$3450
2020-Poor	$3850
730 Diesel-Try-3 pt.	$3900
435 Diesel-WF-3 pt.	$3950
730 Diesel-WF-3 pt.	$4500
JD 301-WF-3 pt.-1971	$4850
JD 2010 w/Loader	$4900
4020D-Diff.-1967-As Is	$5400
3020 Gas-Console-WF	$5900
3020 Diesel-WF	$5900
3020 Diesel-WF-3 pt.-Rollbar-Syncro	$5900
JD 301 w/Mower-Clean	$5900
5020	$5900
2520-D-WF	$6900
3020 Diesel-WF-3 pt.-Side Console	$6900
4020-Very Nice	$7500
3020 D-SC-PS-DIFF, WF	$7900
5020-Duals	$7900
5020-Cab	$7900
4230-4 WD-Cab-Quad	$15,500

MASSEY FERGUSON TRACTORS

30-WF-3 pt.	$2450
50-Fair	$2800
35 Diesel-New Paint-Nice	$2900
165-Rough	$3400
35 Gas-WF-3 pt.	$3450
165-Poor	$3600
265	$4500
65 Utility Diesel-Rebuilt Multi Power	$4650
165 Diesel-Nice	$5450
2135 w/ldr.	$5900
1080D-1969	$5900
1130-New Paint	$5900
150-Sharp	$5950
1150-Cab-Duals-Sharp	$8900
40B w/ldr.	$8900

FARMALL TRACTORS

W4	$950
H-Fenders-Clean	$1500
460-Gas-Try	$1900
Super A w/Cult.	$2200
(2) 560 Gas Each	$2400
Super C w/Cult-Sharp-Sharp	$2650
404	$2800
404 w/Mower	$2900
Super AV w/Cultivator- New Paint	$2900
560-D-WF-FH	$3500
350 Utility w/Rotary Mower	$3600
460 w/Loader	$3900
140 w/Woods Rotary Mower	$3950
560D-Clean-Wide Front-FH	$4500
826	$4900
1066-Rough	$4900
374-Cab-Clean	$4950
100 Hydro-WF-3 pt.	$5400
424 w/ldr.	$5900
544 w/Ind. Rotary Mower	$5900
574-Cab-1975-4300 Hours-Nice	$5900
656D-Hydro-Clean	$6500
574-Cab-1977-Nice	$6500
966-WF-3 Pt.	$6500
574-Cab	$6700
756-D-WF-Nice	$6900
784-Cab-3500 Hours-1978	$6900
684-Cab-1980-Nice-2300 Hrs.	$7900
584 Diesel-1980-1100 Hours	$8900
784-4 WD-Cab-Nice-1979-2700 Hrs.	$9950

OLIVER & WHITE TRACTORS

1850 Diesel-Rough	$2900
Super 55	$2900
1265	$3500
1650 Gas-New Tires	$4500
1950T	$4900
1800-Cab-Nice	$4950
1850 Diesel	$5900
4-180 Duals, Cab, 3 pt. PTO-1977 Air-1800 Hours	$14,900

CASE TRACTORS

350 w/Loader	$2850
930 Diesel	$2900
1070 w/Cab-As Is	$4500
1070-WF-P.Shift	$4500
2670-Cab-Duals-3 pt.-PTO	$9900

IMT, LONG & OTHER TRACTORS

Kubota L245-Rough	$1900
Long 460-1978-As Is	$2500
Kubota L175 w/Mower	$2750
Kubota B6000 w/Mower	$2750
Kubota B7100 w/ldr.-4WD	$4800
Kubota L185-Nice	$4950
Kubota B7000-4WD-Rotovator	$5400
Kubota L185-4WD-Loader	$5950
(2) Long 610-Hi-Clear	$6900
IMT 539-New	$6995
360 4 WD-New-Was $13,690	$9873
460 4 WD-New-Was $15,373	$11,119
Kubota L175	Coming In
Kubota L275	Coming In

FORD TRACTORS

Dextra	$1900
6000D-Wide Front	$2000
800 w/ldr.	$3900
8000	$5800
4400 w/ldr.	$5900
3000	$5950
2000 w/Mower-CLEAN	$6500
8000D-Weights-38" Rubber	$6500
(2) 6600-Cab-1977-Dual Power Each	$6900
6600-Cab-1977	$6900
(2) 3550 w/ldr. Choice	$7900
8400 w/ldr.	$7900
6600D-Flat Deck-1976	$7900
4600D-1981	$7900
8000D-Cab-Duals-Wts.	$7900
445 w/ldr.	$9750
6500 w/ldr.	$10,500
4400 w/ldr.	Coming In

ALLIS CHALMERS TRACTORS

ED40	$1950
D19 Diesel-has Loader	$2850
185	$4900
190 Diesel w/Loader	$4900
7000-Is-Cab-Poor	$4900
7050-Cab-Poor	$4900
190 XT Series 3-Cab-Nice	$6900
200-No Cab-Nice	$6900
220-Very Nice	$6900
185-Wts.-Very Nice	$8500
185 Cab-Air-1978-2200 Hours	$9900

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SPECIAL EARLY ORDER
For 2-Wheel Pulls or 3 Pt.
$895
ON STOCK

4 Wheel Pull — **On Stock ~~$1795~~**
3 ONLY
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SITREX 3 PT. WOOD SAWS
~~$450~~
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$399

New 3 Pt. Loader w/ Snow or Dirt Bucket
ONLY **$695**

IH 574 Cab 1975 430C Hrs.-Nice **$6,500**
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IH 684 1980, 2300 Hrs., TA, Clean **$7,900**

EXCEPTIONAL BUY
Ford 6600-1977's
Choose From 3 With Cabs
(2) Have Dual Power
CHOICE **$6,900**

CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL
• 2 Axle, 4 Ton, 14 Ft. **$1,595**

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Little Dipper	$2900
Michigan 55	$3900
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Trojan 164 Diesel	$5900
Case W9D	$6900
Michigan 55 GM	$8900
Trojan 264-GM	$8900
Terex 72/31 1972	$16 500
Case W26B	$24 500
Ford A62	$24,500
Ford A64 1978	$26,500
Cat 920 1978	$29 500
Fiat 645B	$26 500

DOZERS

JD 2010	$3900
Case 310	$4850
IH 500 w/3 pt	$4900
Case 750	$4900
IH TD6-62 Series	$5400
AC HD4-6 Way	$7750
(2) AC 653-6 Way-Each	$8750
JD 350B	$9800
JD 450	$9800
Case 350 6 Way	$9800
Cat D4D	$10 750
JD 350C-6 Way	$12 750
JD 450B-6 Way	$13 750
Case 350B 6 Way 1979	$15 900

SKID STEER LOADERS

Gehl As Is	$1500
IH 4120	$3450
OMC 1000	$3500
Case 1740D	$5800
Melroe 825D	$11 800

FORKLIFTS

4000 lb , Solid Tires Side Shift	$1200
3 pt Attach-NEW	$2495
Yale 4000	$2500
MF 205-RT	$4900
Erickson 5000 lb RT	$4900
Clark 8000 lb RT	$5900
Datsun 9000 lb	$6900
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Hyster 10 Ton	$9900
IH 4500	$12 500
IH 4500-CAB	$14,500
Sanderson SB70	$18 500

TRAILERS

1973-5 Ton	$1250
1985 2X 4 Ton	$1595
Used 10 Ton	$2500
1977 12 Ton	$3800
1985 3X 9 Ton	$4500
32 Gooseneck 3 Axle	$4900

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Oliver OC3	$2500
AC H3 w/Ripper	$5900
IH TD6-4 INT	$6900
IH 500C	$6900
IH TD6-Late-4 in 1	$6900
Fiat 6G ROPS	$6900
JD 350B	$7900
JD 350B	$9750
Cat 951A	$10 500
Case 450 w/Cab 4 in 1	$13 500
Case 450 w/Cab 4 in 1 Hoe	$15 500
Cat 951	$15 500
Cat 941 w/4 in 1 bkt	$21 700
Case 1150	Coming In

BACKHOE ATTACHMENTS

JD Case-AC Long 3 pt
McConnell 3 pt

TRACTORS WITH LOADERS

Case 350	$2850
AC D19	$2850
Ford 800	$3900
IH 460	$3900
Kubota B7100 4WD	$4800
AC 190	$4900
JD 2010	$4900
MF 135	$5750
Kubota L185 4WD	$5950
Ford 4400	$5900
MF 2135	$5900
IH 424	$5900
(2) Ford 3550 Each	$7900
Ford 8400	$7900
Ford 420	$8900
MF 40B	$8900
Ford 445	$9750
Ford 6500	$10 500
Ford 4400	Coming In

LOG SKIDDERS

Ford Log Hog	$3725
Athey As Is	$5900
Franklin 130B	$5900
IH S7C	$7500
JD 640 w/Grapple	$18 900
JD 440C 1978	$19,800
JD 640	$24 900

BACKHOES

Linkbelt LS52	$4500
IH 3514-As Is	$5850
IH 3514	$7500
Ford 4500	$7500
IH 2400	$8900
IH 2500B	$9500
Long 5 in 1	$9500
IH 3600-ROPS	$9500
Ford 4500 Cab	$10,750
IH 3800-4WD	$10,800
Case 580B	$11,400
Case 580B	$11,900
MF 50C-CAB	$12,500
Ford 5550 ROPS	$12,800
JD 410, Cab	$16,750
Case 580F 4WD	$18,500
JD 310A	$19,500
JD 410-Cab 1980 500 Hrs	$23,750
Ford 4500	Coming In
Ford 535	Coming In
IH 3600	Coming In
JD 300	Coming In

MISC. CONSTRUCTION

(60) Used Hoe Buckets	From $100
(30) Loader Buckets	From $100
(30) Set Forklift Forks	From $300
Case 580B Cab	$500
Pull Type Grader	$895
New 3 pt Winch	$1495
JD 350 Winch Attach	$1850
Huber Maintainer	$1900
Case 580 w/Knuckle Boom Loader	$4500
AC D Grader	$5900
Huber Maintainer DIESEL	$5900
AC 700 w/Log Loader	$9500
Ditch Witch R65 w/Hoe	$9500

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If you have a bird problem. Call me.
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Late model MF 750-760 combine, very good shape, no rust. Will consider JD.
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Int. 1190 Haybine
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With hyd. dirt shaker, very good cond.,
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No Saturday calls.

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JD 4630 Tractor w/Cab
JD 4440 Tractor w/Cab
JD 4230 Tractor w/Cab
JD 4020 Tractor, WF, Side Console
JD 2640 Tractor, w/Loader
JD 2640 Tractor
JD 2440 Tractor w/Loader
JD 2440 Tractor
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6620 Side Hill Combine
JD 4400 Combine w/4R C.H. & Platform

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TRUCKING BACKLOADS
Flat trailers, excellent rates. To Northeastern, PA; Scranton, Towanda areas. Upstate New York; Binghamton, Syracuse and Buffalo areas.
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Rotec Agri-tanks, all shapes & sizes. Strong one-piece, seamless polythylene w/ultra-violet inhibitors, super sun & weather resistant, 25-2250 gal.
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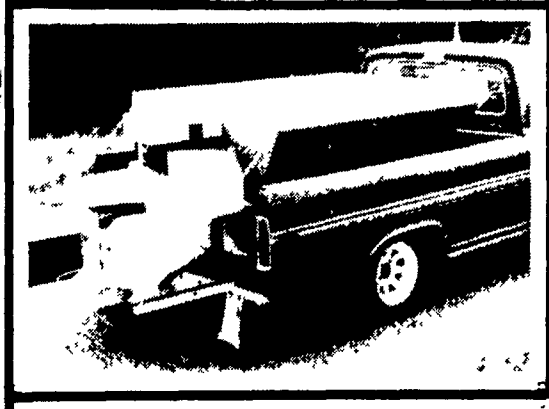

Jr. spreader ideal for parking lots & close quarters
Self-contained, easy on & off

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  Reg. Price...$3,367
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  Reg. Price...$4,916
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Largest Vicon and Hesston Dealer in Central Pa.
Call for your cost. **FREE** 3 pt. Bale Mover with a New Vicon or Hesston Round Baler at..... **$5600.00**
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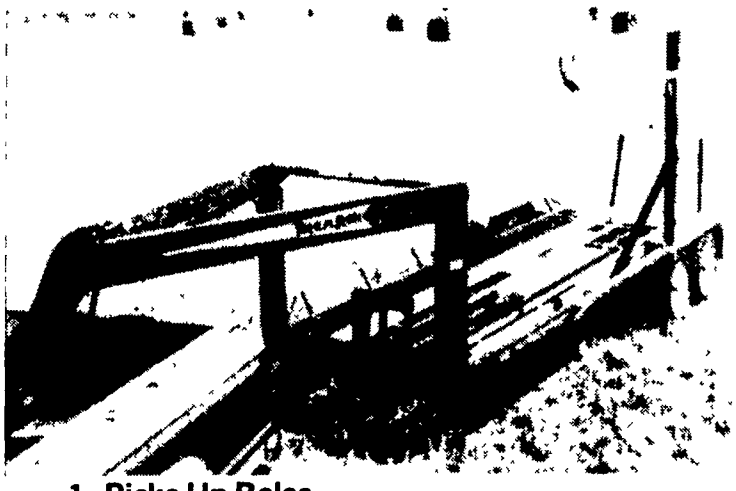
Fifth Wheel Trailer Does It All Hydraulically
Check With Erdley At The Hesston or Vicon Display At The PA Farm Show



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12 Ft. Miller Disc Excellent..... **$3200.00**
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Case 770 Tractor	$3,200
JD 7700 Combine Turbo Hydrostatic	$16,500
New Holland 490 Haybine	$1,200
New Holland 1049 Bale Wagon	$16,500
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JD 346 Baler 1980	$2,200
JD 347 Baler 1983	$5,200
JD 347 Baler 1985	$8,500
NH 320 Baler 1983	$5,500
IH 404 Tractor	$3,800
(5) 8 Ton Wagons w/16' Bed 1985, @ $850 ea	$4,250
Haybuster 107 No Till Drill (New)	$7,800
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Rhino F90 B 25' Hyd. Disk	$5,500
Krause 3121 22' Landsman (New)	$16,200
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JD 215 Flex Platform (Black reel)	$3,500
Kuhn GRS25 Tedder Rake	$2,250
NI 701 Uni Tractor	$1,950
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30'6" Snoco Auger (New)	$300
IH 5 Bottom Plow	$950
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Mud Hog 4 WD Attachment For JD 7700 or 6600 Combine

SEASON'S Greetings

USED TRACTOR
AC 6060 4WD w/Loader

NEW GEHL EQUIPMENT
Model 1450 Baler
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Model 2130 Mower-Conditioner
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Many thanks.

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160

USED TRACTORS

AC WD, D19 Gas, D17 Gas, 185 Dsl., 5050 w/loader
MF Model 285, (2) 65G
JD 2010
Kubota B7100-4
MM G900

SKID LOADER SPECIAL
New Gehl 4510 w/material bucket. List $17,479.
Sell $12,990 One Only

TRACTOR SPECIALS
New Deutz-Allis 8030 4WD, 130 hp, demo $36,500
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Peterman Farm Equipment

717-249-5338 or 249-2150
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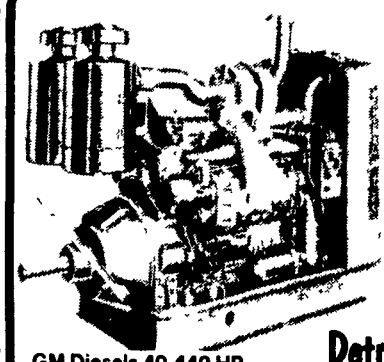

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New & Used Parts For Detroit Diesels

- 471N - 120 HP Power Unit
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- 353N - 70 HP Power Unit
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For Manure Storage And Fertilizer Storage

Size Available: 6,000 Gal.
$720 ea.

Tanks have been tested for leakage

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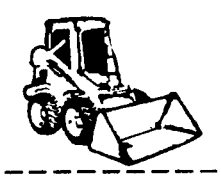

NEW EQUIP. IN STOCK
NH MODEL 520 BOX SPREADER

"A FREE SPREE"
Receive FREE Slurry Sides & Hyd. Endgate or FREE Upper Beater & Hyd. Endgate w/Purchase.
Value $1,335

ALSO APPLIES TO #513 & #680 SPREADER

1-ONLY IN STOCK

MODEL 791 SPREADER
360 Bu., Extra Heavy Pintel Chain

SAVE MORE THAN EVER W/ N.H. CASH REBATE—OR—0%-24 MO. FREE FINANCING PROGRAM

➔ PURCHASES TILL DEC. 31-85 WILL BE ELIGIBLE FOR INVESTMENT CREDIT. NOT SURE ABOUT 1986???

FALL & WINTER FIX UP SPECIAL
Call For N.H. Equip. Overhaul
Winter DISCOUNT Allowance On Parts & Labor--Call For Details

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REDUCED PRICE

John Deere 780 Hydra-Push™ Spreader holds 370 bushels. Unloads with amazing speed.

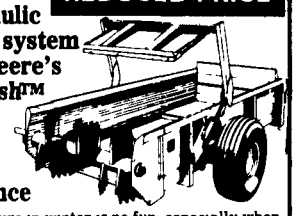
The 780 brings 60 percent more capacity to our Hydra-Push spreader line These are the spreaders with the unique hydraulic unloading system A moving panel and floor hydraulically move manure to the beaters

Model 780 Hydra-Push Spreader
370 Bu. Capacity with 540 RPM PTO, Hydraulic Endgate, Front Splash Guard

With Used Truck Tires	$8,890	With 16.5x16.1 Flotation Tires	$9,660
Dec Cash Disc	-300	Dec Cash Disc	-300
	$8,590		$9,360

REDUCED PRICE

The hydraulic unloading system on John Deere's Hydra-Push™ spreader cuts spreader maintenance



Spreading manure in winter is no fun, especially when the conveyor chain and spreader sides need meticulous cleaning John Deere's Hydra-Push spreaders eliminate most winter cleanup by using a unique hydraulic unloading system

Model 450 Hydra-Push Spreader
225 Bushel Capacity w/540 R.P.M. PTO, Hydraulic Endgate, 10:00x20 Used Truck Tires, Front Splash Guard

Sale Price	$5,375
December Cash Disc	-175
	$5,200

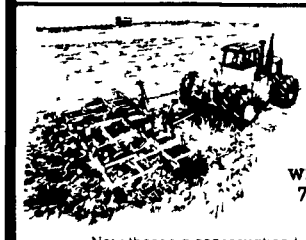
Double duty

John Deere's forage wagon doubles as a feeder wagon
Get double-duty use out of a 714A or 716A Forage Wagon Carry silage to livestock as well as from the field
See the 593-cubic-foot 714A and the 677-cubic foot 716A today

JD 716A FORAGE WAGON
16' Box, 677 Cu Ft, High Sides w/3rd Beater, No Roof Included

Sale Price	$6,650
* NOV. CASH DISCOUNT	-300
	$6,350

* Waiver of Finance till Sept 1 1986 in lieu of Nov Cash Discount
NOTE Add $425 for Wagon Roof
Running Gear available at extra cost



This fall, work right behind the combine with John Deere's 712 Mulch Tiller

Now there's a conservation tool to handle the trash in high yielding corn fields -- the John Deere 712 Mulch Tiller

JD 712 Mulch Tiller
11 Ft 3 In w/20 Inch Coutler Blades, 9 Tru Depth Spring Trip Standards

List Price	$8,685
Sale Price	$7,125

Plus - Waiver Of Finance Till March 1, 1986

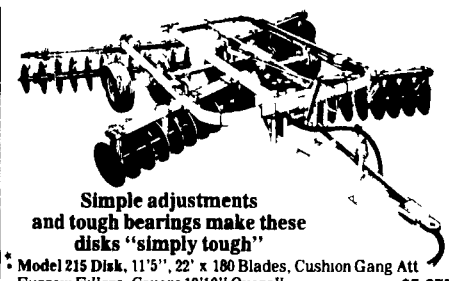
ANNOUNCING

EXTENDED WAIVER OF FINANCE UNTIL NOVEMBER 1, 1986 Or Longer On A Limited Number Of In-Stock Disk Harrows
(Disks listed below without ★ have waiver only until March 1 1986

Exclusive DuraCushion™ disk improves disking results in rocks

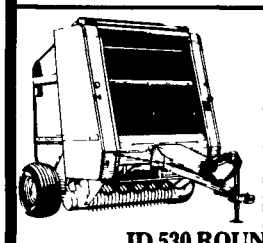
Special coil-spring standards act like heavy shock absorbers Individual gang sections flex over rocks

- ★ **Model 215** Dura Cushion Disk, 11'5", w/Furrow Fillers, Covers 12'10" Overall $6,375
  Until Expiration Of Sales Program
- ★ **Model 215** Dura Cushion Disk, 12'10" w/Furrow Fillers, Covers 14'4" Overall $6,775
  Until Expiration Of Sales Program



Simple adjustments and tough bearings make these disks "simply tough"

- ★ **Model 215 Disk**, 11'5", 22' x 180 Blades, Cushion Gang Att Furrow Fillers, Covers 12'10" Overall $5,975
  Until Expiration Of Sales Program
- **Model 115 Disk**, 11'5" w/9' Blade Spacing, 22' x 180 Blades, Furrow Fillers, Cushion Gang, Covers 12'10" Overall $5,450
  Until Expiration Of Sales Program
- **Model 115 Disk** 10'0" w/9' Blade Spacing, 20"x 180 Blades, Furrow Fillers, Covers 11'5" Overall $3,725
  Until Expiration Of Sales Program



John Deere round balers are an automatic one-man haying system

John Deere 430 and 530 Round Balers make it easy to be an expert operator even for those who have no experience And the innovative automatic design is the reason why
The exclusive Bale Trak monitor provides electronic guidance to help you make perfectly shaped bales one after another Simply steer left or right to keep two arrows lined up No more guesswork

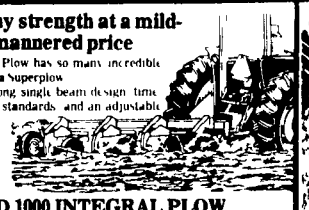
JD 530 ROUND BALER
w/31x13 50 Tires, Bale Coulter & P/U Gauge Wheel

Sale Price	$13,800
* DEC. CASH DISCOUNT	-400
	$13,400

* In lieu of the Nov Cash Discount Waiver of Finance till Sept 1, 1986

Brawny strength at a mild-mannered price

The 1000 Integral Plow has so many incredible features we call it a Superplow
It gives you a strong single beam design time saving safety trip standards and an adjustable width of cut
Choose 12 14 or 16-inch cut
Simply by moving a shim on each of the standards



JD 1000 INTEGRAL PLOW
3 Bottom, Safety Trip Standards w/Steel Trashboards

SALE PRICE $2,375
Plus Waiver of Finance till March 1 1986

SPRING-RESET INTEGRAL

You'll find deluxe "semi-integral" features on this integral plow
Here's the integral plow that's right for your rocky fields The 1600 Superplow in 3 4 or 5-bottom sizes

JD 1600 SPRING-RESET PLOW
3 Bottom, 16" Cushion Coulters, Steel Trashboards

SALE PRICE
Plus Waiver of Finance till March 1 1986 $3,990

Measure its efficiency at the fuel pump, on your wristwatch or in your crop cost ledger

The 466-CID turbo-charged John Deere diesel is designed to provide excellent fuel efficiency Caster/Action™ mechanical front-wheel drive saves you time and fuel by increasing traction

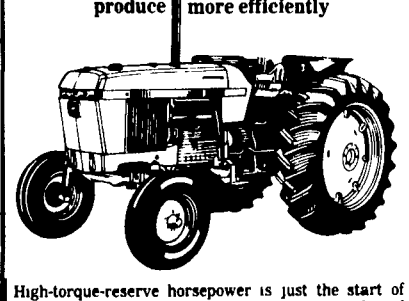
JD 4050 TRACTOR, 100 H.P.
Mechanical Front Wheel Drive w/Sound Guard Body, Quad-Range Transmission, Dual Remote Outlets & Many Extras
Note No Duals

Buy This Tractor On Special John Deere Lease-Purchase Program

Tractor List Price $53,900

• Monthly Lease - Purchase Payment (No Trade-In)	• Monthly Lease - Purchase Payment (w/$8,000 Trade-In)
$632.34	$467.77

Get productive horsepower, features and options in John Deere's 2550 to help you produce more efficiently

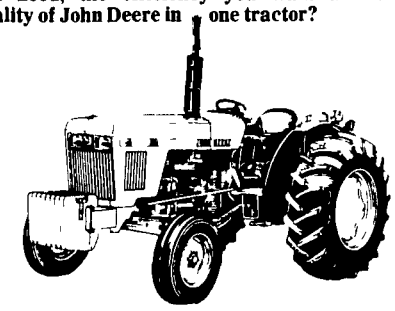


High-torque-reserve horsepower is just the start of more efficiency in the 65-PTO-hp 2550 A long list of standard features make the 2550 a real Efficiency Expert

JD 2550 TRACTOR, 65 H.P.
w/TSS Hi-Lo Transmission, 540 & 1000 RPM PTO, Single Remote, Big Pump Row Crop Finders, 16 9x28 Rear Tires

SALE PRICE	$17,700
DEC. CASH DISCOUNT	-550
	$17,150

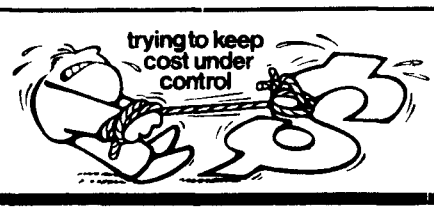
Why settle for less when you can have the power you need, the efficiency you want and the quality of John Deere in one tractor?



Whether it's the 40-hp 1250, the 50-hp 1450 or the 60-hp 1650, you'll find they all offer the unbeatable combination of gutsy pulling power and excellent fuel efficiency

JD 1650 TRACTOR, 60 H.P.
w/Ind 540 PTO, Power Steering, Dual Remotes
16 9x30 Rear Tires

SALE PRICE	$14,975
DEC. CASH DISCOUNT	-450
	$14,525



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Thurs. Fri	7-9	THURS & FRI
Sat	7-4	TILL 9 PM

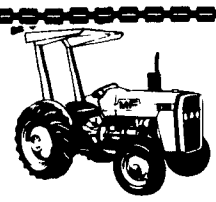
Steiger Bearcat, 200+ h.p. Cat., dual wheels, low hrs. $13,500. w/warranty
717-993-6226
or
717-993-6152
evenings

CASE 350 CRAWLER w/6 Way Angle Blade. Motor Overhauled. Very Nice Condition
MANOR EQUIPMENT, INC.
Sinking Spring, PA
215/678-0828

TRACTORS

MF 235 diesel, power steering, 1,100 hours, $4,500
JD 2120 diesel, power steering, Independent PTO, $4,250
JD 2440 Dsl. ind. PTO, 16.9x30 tires, $6,950
MF 165 Dsl. ms[SOLD]wer, 2000 hrs, Sharp, $4,250
JD 1020 Dsl. utility [SOLD]p, $3,950
Ford 6600 diesel, nice, $6,500
MF 275 diesel, 8 spd., $6,250
JD 3020 diesel, power shift, narrow front end, $4,300
IH 706 diesel, torque, fast hitch, $3,200
AC 160 diesel, power steering, $2,750
JD 3020 gas, narro[SOLD], $3,450
MF 65 diesel, $2,500
JD 4320 diesel, cab, 18.4x34 tires, nice, $8,500
Oliver 1650 gas w/cab, nice, $3,450
Farmall 400 diese[SOLD]inch

Horning's Farm Machinery
Meadow Valley Road
Ephrata, PA
717-733-7408



TRACTORS & EQUIPMENT

MF 35 Tractor
MF 40 Diesel Tractor w/Loader
AC D17 Dsl Tractor
MF 50C Tractor w/Loader & Cab
MF 760 Combine w/Attchs.

NEW M.F. EQUIPMENT

MF 240 Tractor
MF 240 Tractor
MF 283 Tractor
MF 1030 Tractor 4 WD
MF 1020 Tractor w/Turf Tires
MF 1010 Tractor w/218 Mower
MF 1010 Tractor
MF 236 Loader
MF #43 2B Plow
MF 427 No-Till Drill
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades
MF 1018 Mower

S.G. LEWIS & SON, INC.
352 N. Jennersville Rd.
West Grove, PA
215-869-2214

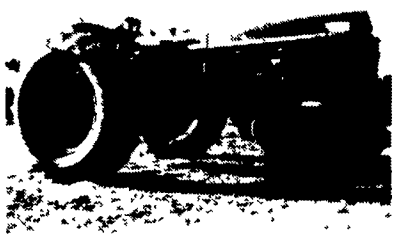
DEPENDABLE MOTOR CO.
East Main St., Honey Brook, PA.
215/273-3131 or 215/273-3737

Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow $5275
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks $1695
Dunham 8' & 10' Cultipackers . . . . . Special Prices

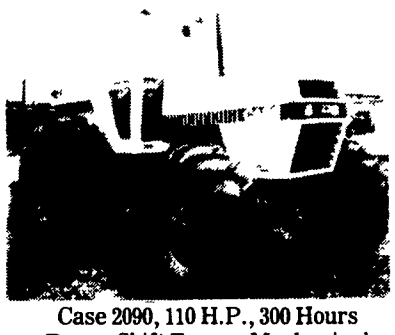
USED EQUIPMENT

NH 268 Baler
NH 310 Baler
(2) NH 315 SS Baler Exc.
NH 276 SS Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 489 Haybine
Butler Oswalt 1830 Ensilmixer
IH 56 Blower
Case 4B Plow
NH 717 Harvester
NH 519 Spreader
Brillion 12 ft. Field Cultivator
NH 770 Harvester w/Electric Control, 2 Row Head and Corn Head.
NH 24 Ft. Elevator

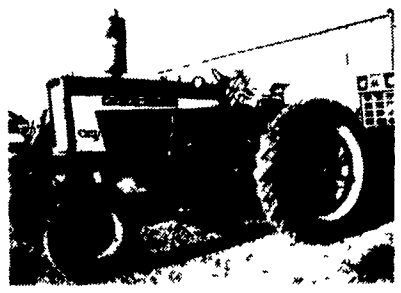
DEALER FOR
BUTLER
Livestock Systems
NEW HOLLAND
Roskamp
HUTCHMASTER



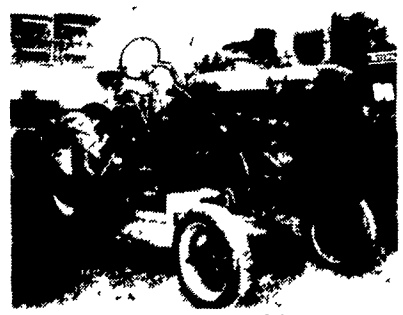
John Deere 2840
Tractor 80 H.P.
$11,500.00



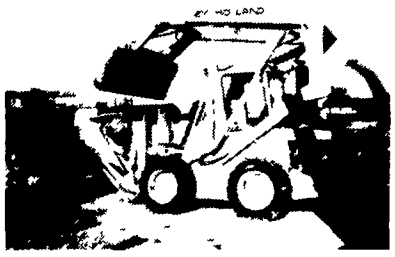
Case 2090, 110 H.P., 300 Hours
Power Shift Trans., Mechanical
Front Wheel Drive
$22,900.00
Waiver of Finance Available Until
Sept. 1, 1986



IH 504 Gas 45 H.P.
Engine Recently Overhauled
$4,250.00

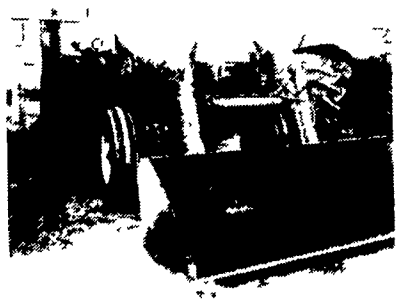


Farmall A With Cultivator
And Woods Belly Mounted
Mower-Just Arrived,
Call For Price

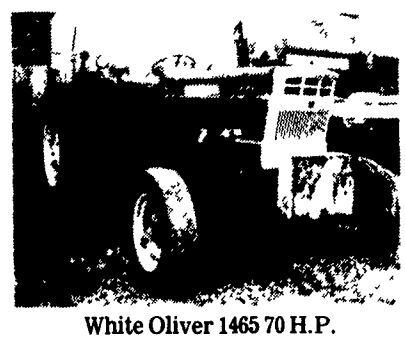


NH L-775 Deutz Diesel 50 H.P.-
394 Hours with New Holland
LB11 Backhoe
$19,500.00

NH L-445 Wisconsin Gas 30 H.P.
$7,500.00



JD 2240 50 H.P. Diesel
with Hi/Lo Shift And
Model 145 Loader
$10,500.00



White Oliver 1465 70 H.P.
Diesel 1974
$5,950.00

Hesston 5440 Round Baler
$4,800.00

Vermeer Model 605D Round Baler
* Waiver of Finance Available
(OR)
* 0% Interest Financing for 24 mo.
$3,250.00

Unverferth McCurdy Cultisystem 5000, 21 ft. Soil Finisher, (Wings and Rolling Baskets Not Showing were Removed for Transport)
Used Very Little **$5,500.00**

Hesston Stakhand 10 Hay Stacker
$3,450.00
Great for Corn Fodder

HARVESTERS & ATTACHMENTS

JD 300 Husker Corn Picker with 2 Row Head $8500 00
Gehl 72 Flail Chopper 6 ft $1500 00
NH 880R2 Corn Head $1200 00
NH 880 Harvester $3450.00
NH 717R2 Corn Head $650 00
NH 707 3 pt Harvester $2050 00
NH 717R2 Corn Head $750 00
NH 822 Corn Head $2200 00
NH 880N3 Corn Head $1250 00
NH 707 3 pt Harvester $1500 00
NH 890 Harvester $4500 00
NH 880 R2 Corn Head $1200 00
JD 3800 w/2R Wide Corn Head
NH 892 Harvester w/New Knives $7000 00
NH 890 Harvester $4000 00
NH 890 N3 Corn Head $3500 00
Ear Corn Chute and Auger for NH 770 Harvester $600 00
NH S717 Harvester $1800 00
NH 822 Corn Head 2 Row $1000 00
NH 770 Harvester with 770 N2 Corn Head $3600 00
NH 770W Hay Pickup $1650 00
JD 38 Harvester w/2 Row Narrow Corn Head $3650 00

GRINDER MIXERS

Farmand 810 Grinder Mixer $1500 00
NH 358 125 Bu Hydraulic Scales $9800 00

MOWERS & MOWER CONDITIONERS

Case 475 Mower Conditioners 7 ft $1850 00
NH 489 Haybine 9 ft $4800 00
IH 225 Self Propelled Windrower Conditioner $3200 00
NH 495 Mower Conditioner 12 Ft $5000 00
NH 1469 Self Propelled 9 Ft Ford Gas $6500 00
NH 1469 Self Propelled 9 Ft Wisconsin Gas $6250 00
NH 463 Disk Mower 7 10½ Cut $3995 00
NH 495 Haybine 12 Ft $4200 00
Gehl 880 9 Ft Mower Conditioner $1950 00
JD 1209 Mower Conditioner 9 Ft Late Model w/Non Clog Guards $3600 00
NH 474 Haybine 7 Ft Used 1 Season $6100 00
Mott Flail Mower $1350 00
NH 489 Haybine 9 Ft $5500 00
JD 1380 Pivot Tongue Windrower Conditioner $4500
NH 479 Haybine 9 Ft Reconditioned $2950
Hesston Model 1014 Hydro Swing Windrower Conditioner $3900 00
Owatonna Model 235 12 Ft Swing Tongue Windrower Conditioner $3500 00

FORAGE BLOWERS

NH 25 Blower, Like New $2200 00

TILLAGE

Pittsburg 28 Blade Disk Harrow $650 00
Pittsburg 2 Bottom Trip 16 Plow $595 00
IH 12 Ft Field Cultivator Pull Type $1550 00
Brillion 8 Ft Sprocket Packer Demo $1150 00
JD 1250 3 Bottom Plow $1950 00
Oliver 3 Bottom Trip Plow $695 00
JD 210 Disk 12 10 36 Blades w/Cushion Att $3500 00
JD 210 Disk 12 10 36 Blades $3400 00
JD F125 Plow 5 Bottom trip Plow $550 00
JD 50 Box Scraper $450 00
Lely Roterra 15 Ft Field Finishing Tool $1000 00

BALERS

NH 849 Round Baler auto wrap demo used very little $9500 00
JD 24T Engine Baler $650 00
NH 273 Engine Baler $3850 00
NH 275 Engine Baler $3400 00
NH 273 PTO Baler $3250 00
NH 269 Baler w/53A Thrower $3200 00
NH 282 Baler w/62 Bale Thrower $3650 00
NH 310 Engine Baler $3450 00
MF 124 Baler w Thrower $4750 00
NH 272 Engine Baler $2500 00
JD 346 Baler w/30 Ejector $5500 00

SPREADERS

NI 212 Spreader $550 00
NI 12A Spreader $550 00
IH 550 Spreader $1450 00
JD 54 Spreader $1200 00
NI 218 Spreader $1950 00
NH S676 Spreader $2100 00
NH 679 287 Bushel Tandem $3650 00
Herd 750 Spin Spreader $400 00
Stoltzfus Lime Spreader $3450 00
NH 513 177 Bushel $1850 00
NH 519 217 Bushel 4 years old $2500 00
NI 214 Spreader $1850 00

RAKES & TEDDERS

NH 256 8½ Ft with Dolly Wheel Used 1 Year $1800 00
Kuhn GRS24 Combination Rake Tedder $1650 00
NH 56 Rake Rubber Teeth $1200 00

COMBINES & ATTACHMENTS

NI 702 Uni System Power Unit Gas with/729 Sheller 728 4 Row Corn Head 710 Combine and 711 Grain Head $7500 00
NI 702 Uni System Power Unit Gas with/717 Combine 744 N Corn Head and 713 Flex Grain Head $11500 00
NH 962 N6 6 Row Narrow Corn Head $7500 00
NH 962 N4 4 Row Narrow Corn Head $4600 00

SKID STEER LOADERS

NH L 775 Gas $7500 00
NH L-775 50 HP Diesel $14900 00
Owatonna Mustang 1700 Diesel w/Bucket and Manure Fork $4750 00
Mustang 1700 Diesel w/Manure Fork and Bucket $4750 00
New Holland L-775 Deutz Diesel 50 H P $10500 00

TRACTORS

JD 4230 100 HP w/Sound Gard Body
JD 2350 55 HP 1 Year Old
JD 400 Industrial Tractor Loader $8500 00
JD 4240 Tractor 110 HP Quad Range $18900 00
IH 1086 Tractor 130 HP Excellent 1450 Hours Price Reduced $16,900 00
JD 1520 Gas 45 H P $5500 00
White 2 50 Diesel 47 H P $4500 00
Farmall H Tractor $1250 00

WAGONS & RUNNING GEAR

JD 1075 10 Ton $2000 00
NH 1002 Automatic PTO Bale Wagon $1650 00
NI 206 Forage Box w/NI 633 Running Gear $1100 00

PLANTERS & DRILLS

IH 510 Grain Drill $1450 00
IH 400 Corn Planter 6 RN $2850 00
Cole Dron Mounted Planter $1500 00
JD 246 Corn Planter $325 00
IH 400 Air Planter 6 Row $1800 00
IH 400 Air Planter 6 Row $1850 00
JD 7000 4 Row Conservation with Liquid Fertilizer Attachment $7500 00

BLADES & LOADERS

Front Blade for 8N Ford $525 00
JD 65 Blade $650 00
Leon 10 Ft Dozer Blade w/Mountings for IH 1086 $2200 00
Dunham Loader $1600 00
NI Loader fits 4 Cylinder John Deere Utility Tractor $1250 00

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JOHN DEERE

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Thurs., Fri. 7-9
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OPEN THURS. & FRI. UNTIL 9 P.M.

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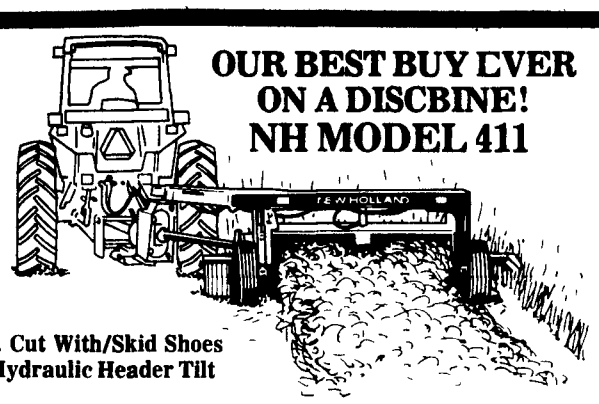
HARDI

OUR BEST BUY EVER ON A DISCBINE! NH MODEL 411



10 Ft. Cut With/Skid Shoes And Hydraulic Header Tilt

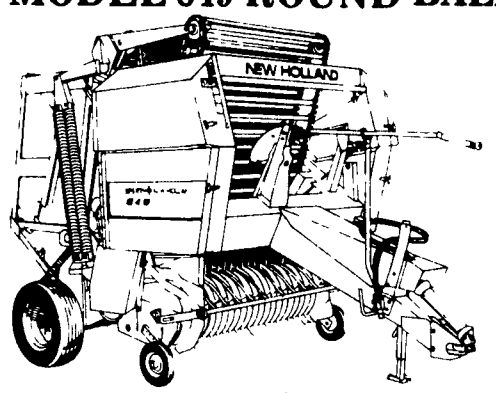
The Model 411 Discbine™ disc mower-conditioner keeps on going even in your toughest crops. Six discs make a 10-foot wide cut. They'll mow through fire ant hills and gopher mounds, and slice under down, tangled crops. Seven-foot wide intermeshing rubber rolls condition your crop gently and thoroughly for faster drying. You can lay down a wide swath or switch to windrow in seconds without tools.

List Price..$14,390.00

SALE PRICE.....$11,500
*** Winter Buyer's Dividend.....-$600**
*** December Cash Dividend.....-750**
$10,150

Demo - 1 Only

NH MODEL 849 ROUND BALER



The Model 849 round baler from Sperry New Holland gives you a sure, fast core in a dense 1200-pound bale. And, the "849" offers a host of automated features to make your baling easier. Come see what the Model 849 can do for your round baling operation.

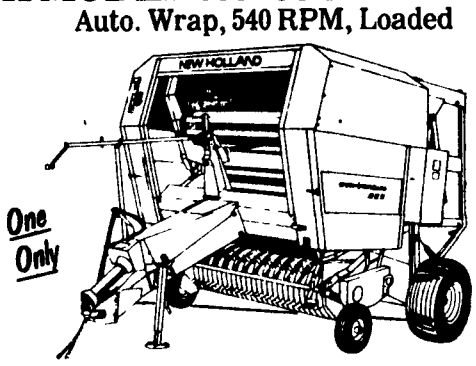
In Stock:

MODEL 849 AUTO-WRAP ROUND BALER
(Loaded)

SALE PRICE.....$12,100
*** WINTER BUYER'S DIVIDEND.....-600**
*** DEC. CASH DIVIDEND.....-550**
$10,950

NH MODEL 855 ROUND BALER

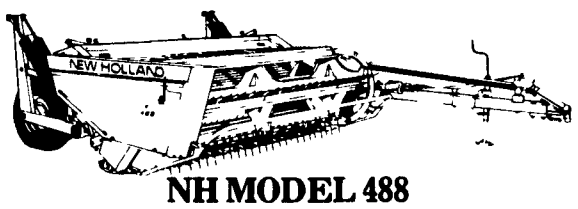
Auto. Wrap, 540 RPM, Loaded



One Only

For acre after acre, hour after hour capacity in a round baler, nothing comes close to the 855" from the round baler leader Sperry New Holland. It's loaded with capacity features like Super-Sweep pickup, a roll floor design and steel apron chains that turn out solid, well shaped bales weighing up to 1700 pounds.

SALE PRICE.....$12,750
*** WINTER BUYER'S DIVIDEND.....-600**
*** DEC. CASH DIVIDEND.....-550**
$11,600



NH MODEL 488 MOWER CONDITIONER

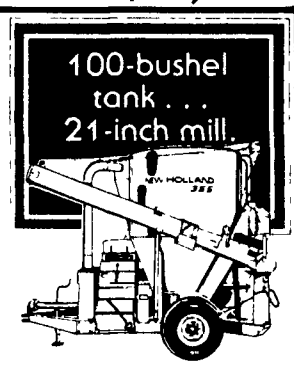
9 Ft w/Cutterbar Wear Plate Crop Divider and Hydraulic Lift Kit.

The Model 488 Haybine® mower conditioner is a big capacity close cutting machine. It's fast and gentle as it cuts a 9 foot width of your crop and conditions it with full width chevron rolls.

List Price $9875.00

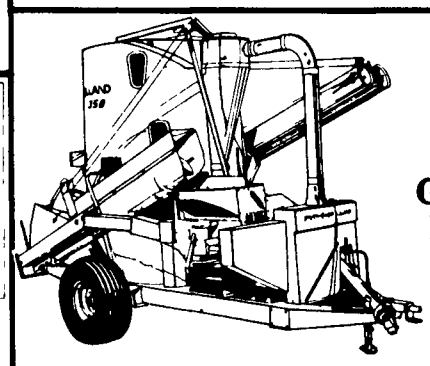
SALE PRICE.....$8,050
WINTER BUYER'S DIVIDEND.....-450
DECEMBER CASH DIVIDEND.....-500
$7,100

The Model 355 Grinder-Mixer from Sperry New Holland unloads a full, 100-bushel tank in less than five minutes! It's big, eight-inch diameter auger unloads feed fast. And, with extensions, the unloading auger can reach a full 20 feet! The mixing auger thoroughly mixes your ration from the bottom up to produce consistent uniform feed.



NH MODEL 355 GRINDER MIXER
21" Mill, 100 Bu. Tanks with 540 RPM PTO Mechanical Drive
2 Screens, 31x13.50x15 Tires

List Price.....$9110
SALE PRICE.....$7150
*** DEC. CASH DIVIDEND.....-325**
$6,825



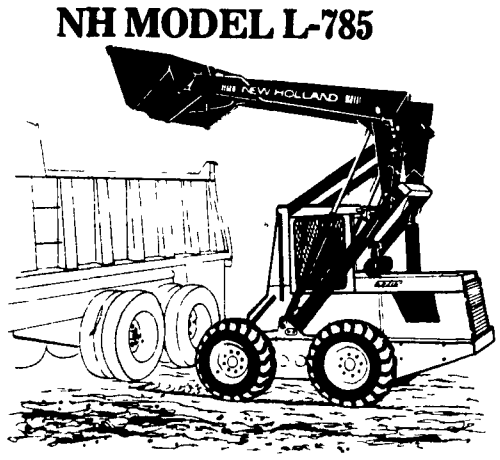
SUPER DEALS ON GRINDER MIXERS

BUY A NEW GRINDER MIXER FROM US NOW AND GET AN ELECTRONIC SCALE ATTACHMENT
Retail Value $2,240
For $1,095 Installed
Limited Stock Avail. For This Program

Also
Take Advantage Of Either:
1) Low Interest Financing OR
2) November, December Cash Dividends

MODELS
353-355.....$325
358-359.....$600

NH MODEL L-785

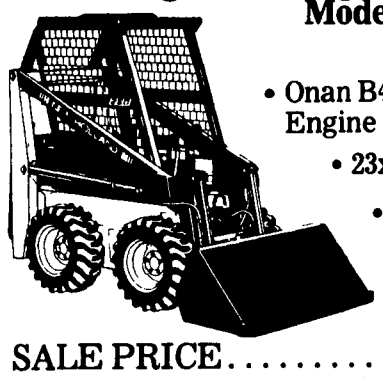


57 HP Perkins Diesel w/76" Bucket
DEMO, Rental, One Only

$16,900
*** DEC. CASH DIVIDEND.....-1,100**
$15,800

PRICED TO SELL!

Do Big Jobs In Tight Places
Model L-250

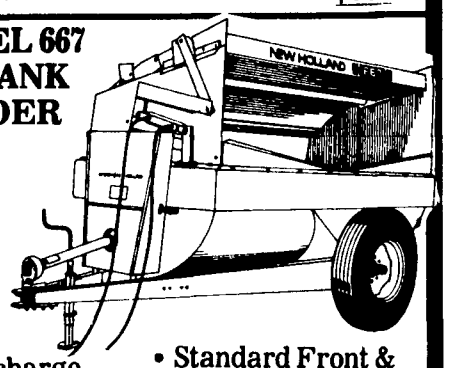


With
- Onan B43G 18 H.P. Gas Engine
- 23x8.50 12 Tires
- 47 in Utility Bucket

One Only

SALE PRICE.....$7,585
*** DEC. CASH DIVIDEND.....-350**
$7,235

NH MODEL 667 FLAIL TANK SPREADER

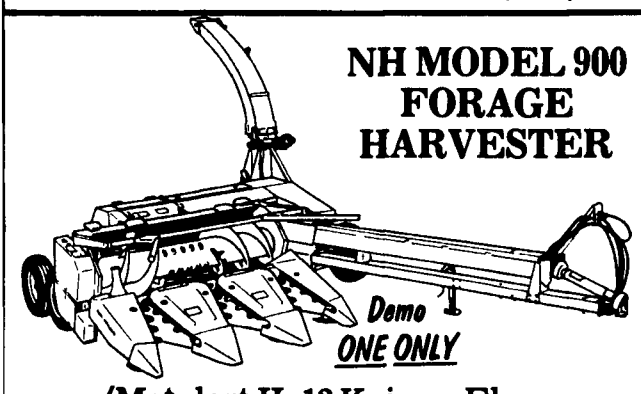


847 Gal.
194 Cu. Ft.

With:
- R.H. Discharge
- Splash Shields
- Standard Front & Rear Fold-Down Panels

List Price.....$7,025
SALE PRICE.....$5,950
DEC. CASH DIVIDEND...-250
$5,700

NH MODEL 900 FORAGE HARVESTER

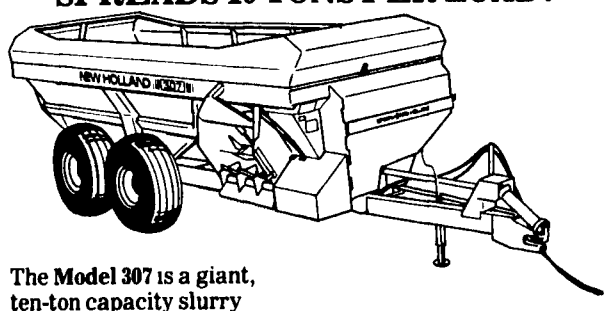


Demo
ONE ONLY

w/Metalert II, 12 Knives, Elec. Controls, Two Speed Blower, 1000 RPM, 919 A3 Auger Base, 919 N3 3 Row Narrow Cornhead & Many Other Options.

One Only At.....$21,775
*** WINTER BUYER'S DIVIDEND.....-600**
*** DEC. CASH DIVIDEND.....-1,100**
$20,075

SPREADS 10 TONS PER LOAD!

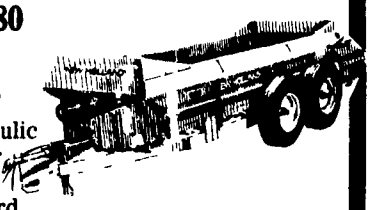


The Model 307 is a giant, ten-ton capacity slurry spreader from Sperry New Holland. It spreads a fine top dressing of manure - fast! You get an aggressive spring-loaded auger to move material to the front right side for easy, consistent spreading. The auger floats over rocks and foreign matter, reducing the chance of damage.

NH MODEL 307 SLURRY SPREADER
2275 Gal., 1000 RPM w/15.00x22.5 Tires

SALE PRICE.....$11,450
*** DEC. CASH DISCOUNT.....-500**
$10,980

NH MODEL 680 MANURE SPREADER



287 Bushels with Hydraulic Apron Drive, Upper Beater, Hydraulic Endgate, Splash Guard

Unload up to six and a half tons per trip with the Model six-eighty from Sperry New Holland. The wide bed will help you spread a fine, even layer. And, the optional slurry sides help contain semi-liquid manure 'til you're ready to spread it.

LIST PRICE.....$9,525
SALE PRICE.....$6,525
*** DEC. CASH DIVIDEND.....-400**
$6,125

* In Lieu of Dividends Take Advantage Of Either: (1) Low Interest Financing Rates
0% - 12 Months 0% - 24 Months
OR
(2) Waiver Of Finance Charges
Some Machines Eligible For Sept. 1, 86 Waiver
Call To See How Programs Apply To Different Machines

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FORD TRACTORS
New TW 20 w/Cab, 4WD, Air
New 7710
New 2810
New 2110 & 1910, 4WD
New 1310, 1510
New 1710 & 1910
New 1210 4WD Hdro. Drive, Mid PTO
Used 641, excellent condition

NEW HOLLAND
New L325 Gas L555 D Skid Loaders
New NH 353 & 358 Grinder Mixers
New 34 & 38 Crop Choppers
Used 36 Crop Chopper
New #8 Forage Box

Most NH Equip Eligible for 0% Financing For 24 Months

NEW IDEA
New NI 406 Rake
New NI 323 One Row Corn Picker
New NI 3 pt. Hitch Fertz. Spreader

OTHER EQUIPMENT
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

USED COMBINES
Waiver of Interest till September 1, 1986

- '81 JD 8820 4 wheel drive, factory duals, 1270 hrs., with 220 flex cutter. Excellent Shape. **$62,500**
- '71 JD 7700 w/15' cutter bar
- '75 JD 7700 - Rotary Screen, 16' Platform
- '77 MF 510 w/16' cutter bar & 4 row corn head $7,500

CORN HEADS
Good Selection of John Deere
443-444-643-644-843
Cornheads

USED TRACTORS
Waiver of Interest Till April 1, 1986
- '81 DX 120 Deutz w/18.4x38 Tires
- '79 IH 184 Low Boy w/60" Woods Mower
- '74 JD 1530 diesel w/145 loader
- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to **$19,500.**
- '80 JD 2440 w/145 Loader

CORN PLANTERS
- AC 770 6 row air planter, liq. fert., monitor, insect.
- Int. 8 Row 30, 3 pt. Cyclone Planter

MISCELLANEOUS EQUIP.
- JD 115 disk harrow, 10' 2" w/ Midwest harrow, like new, done 20 ac.
- JD 210 disc harrow 14'3", Midwest Buster Bar attach.
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

JD 630 Tractor, factory wide front, excellent condition,
$3,500
or Best Offer
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Wisconsin and Perkins
Gas or Diesel
DYNAMOMETER TESTING
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Glick's Engine
105 Horseshoe Road
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USED BELTING MATERIAL RUBBER MATS FOR
Comfort Stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses
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Eckroth Bros. Farm Equipment
Case IH
RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

USED EQUIPMENT

USED COMBINES
Int. 1440 Combine
Int. 715 Diesel w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model

1979 Int. 1460 rotary combine w/6 row corn head

USED TRACTORS
MF 1080 D
Int. 856
JD Model B w/Cultivators
IH Hydro 100 w/Cab
Farmall H
Int. 1066 w/Cab
Int. 1086

NEW GEHL EQUIPMENT
960 Forage Box w/roof
1540 Forage Blower
3510 Skid Loader

USED EQUIPMENT
Int. 800-6 row Corn Planter
Int. 710 5 F Auto. Reset Plow
900 Badger Blower
NH #518 Manure Spreader
Ontario Hoe Drill
Int. 2350 Mount-o-matic Loader
13' 3 pt. Chisel Plow
NI 2 Row Wide, Pull Type Picker
Int. #40 Stalk Shredder

HOLIDAY GREETINGS
May this bright Christmas be filled with happiness!

C.J. WONSIDLER BROS.
NEW IDEA | DEUTZ ALLIS | NEW HOLLAND

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Rts 309 & 100
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Sat 7 30 A M - 12 30 P M

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Sat 7 30 A M. - 4 00 P M

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon -Fri 7 30 A M - 5.00 P M
Sat 7 30 A M - 12 30 P M.

TRACTORS
Farmall 460 D
Farmall 400
Farmall H w/loader
Farmall A w/1-B Plow & 1-row cultivator
MF 180 D w/loader
MF 50 Gas w/loader
JD 2750 D, w/40 hrs , like new!
JD 2630 D, Excellent!
JD 3010 D
JD 630 w/wide front end
(2) JD 60 Gas
Oliver 1855 D wide front end, Excellent!
Oliver 500 D w/3 pt
AC 190XT D w/cab
AC 185 D
AC 180 D
AC D19 D
AC D17 D
(2) AC WD Gas
AC CA

COMBINES
Gleaner N5 Rotary w/cab, air/heat, 15' grain & 630 corn heads
1978 Gleaner M2 w/cab air, 15 grain & 438 C H
Gleaner F2 Diesel w/cab 13 grain & 438 corn heads
Gleaner FKS w/cab, 13 grain & 438 corn heads
Gleaner KKS w/cab 10 grain & 238 corn heads EX CELLENT!
Gleaner CII w/12 grain & 438 corn heads
Gleaner E w/cab, 10 grain & 238 corn heads
JD 45 w/both heads
IH 315 w/cab, grain & corn heads
IH 93 w/10' grain head
NI Uni-System 702 w/717 combine, 4-row corn head

TILLAGE
AC 4B 3 pt Plow
AC 3B 3 pt Plow
JD 2600 5B Automatic Adj Plow w/spring reset, like new!
JD 13' Transport Disc
JD 10 Transport Disc
Oliver 6B semi-mt Plow
MF 520 10' Disc, like new!
Pittsburgh 13' Transport Disc
AC 9' Transport Disc
Kewanee 10 Mulcher
Brady 630 Shredder

MISC
(2) Weaverline 330 Silage Cart 30 BU w/automatic charger EXCELLENT!
(2) Weaverline 224 Silage Cart, 30 BU w/automatic charger Rebuilt!
Behlen Grain Dryer w/engine

MANURE SPREADERS
(2) NI 214, Liq pan, 210 BU , Excellent!
(2) NI 218, Liq pan, 300 BU
NH 519, 200 bu. w/Hyd End Gate-A1
NH 513, 165 bu.-nice
NH 510, 3 beater, 165 BU
NH 676, Hyd. Endgate, 320 BU
Farmall 550, Hyd. Endgate, 200 BU.
FarmHand w/Hyd. Endgate, 125 BU

"SPECIAL YEAR END SALE"
December 7-31, 1985

On NEW & USED TRACTORS, COMBINES & IMPLEMENTS SAVE THOUSANDS OF DOLLARS + PLUS TAKE ADVANTAGE OF THE 1985 TAX CREDITS!!

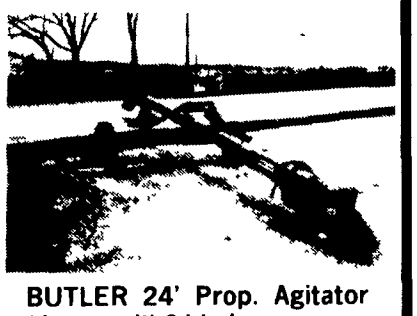
Mr. Farmer: "Don't pass up this GOLDEN OPPORTUNITY!"

LOW PRICES...LOW FINANCE...TPD WAIVER
(Applies to TRACTORS & COMBINES only)

BUTLER | Livestock Systems

NEW EQUIPMENT SPECIALS
MANURE HANDLING EQUIPMENT

BUTLER 3300 gal. Tank-R Super Mix, rear discharge, level indicator
$11,850



BUTLER 24' Prop. Agitator (demo unit) 3 blade prop.
$3,900

Super Silo Unloader & Renew Kit Specials

1 Only - 16' Lineshaft Drive, Volumaster Unloader..... **$3,900**

26' Lineshaft Drive, Volumaster Unloader..... **$4,290**

1 Only - 24' VIII Volumatic-Unloader **$5,900**

Renew Kits From Butler/Jamesway VII and VIII Unloaders..... From **$2,500**

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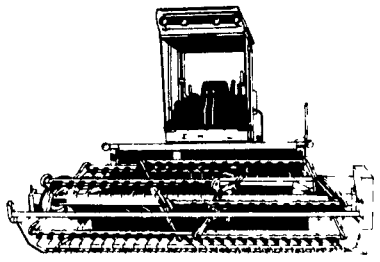
East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #320 w/#70 Thrower		$12,800
NH #316 SS	ONE	$8,600
NH #256 Steel	ONLY	$2,345
NH #456 Mower		$2,470
NH #718 Harvester (Demo)		
NH #28 Blower		$2,915
NH #770W Pickup Head		$1,925
NH #8 Forage Box, 3 Btr. and Roof	Cash	$4,800
NH #355 Grinder Mixer, Hydraulic Drive		$7,430

Plus Big Cash Savings On All Equipment

1 ONLY Demo Model 1495 Haybine. Self-Propelled, Fully Equipped



LIST	$37,713
OUR PRICE	$30,000
Less WBD	1,300
TOTAL	$29,200

All This Plus
0% Financing—24 mos.
or
No Financing Til 9/86
or
$1,500 OFF for Cash

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

- Waiver of Finance On All New & Used Hay Equipment Till July 1, 1986
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OR

- Cash Rebates Up To $7400

OR

- 0% Financing - 12 Mos.
- 0 % Financing - 18 Mos.

- 0% Financing - 24 Mos.
- 8.9% Financing - 36 Mos.
- 10.9% Financing - 48 Mos.

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Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons Ramps and carriers for the older style TA's (as in SMTA 340, 560) are priced at $150 each and carry a 90 day guarantee We have all the parts needed to rebuild your TA in stock at prices that will save you money We also have a shop available for complete TA installation Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx 4-6 hrs) We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline fit into pressure plates) for most IH tractors and combines

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N6 COMBINE w/6 ROW HEAD & GRAIN HEAD
ALL 1985 UPDATING KITS ON IT

TRACTORS

AC 7030	AC 7010D	AC XT190D	IH 806
AC 7060	AC 200	AC 180D	JD 2010
AC 7040D	AC 210	AC D19D	MF 65G
AC 7045D	Oliver Super 77	AC D14	Case 1490
AC 7050D	AC 655 Crawler	AC 5050D	JD 450 Crawler
AC 7020D	AC 7000D	AC 5040D	Oliver 1650D

329 Super Sheller Unit for New Idea Picker

USED COMBINES (LIKE NEW)
A.C. Models: G-C-N-L-F
These Combines are in Excellent Condition

NI 702 UNI-HARVESTER
w/2 Row Sheller

NI 708 UNI-SYSTEM,
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360 SERIES SPREADERS

AT A PRICE THAT'S AFFORDABLE!

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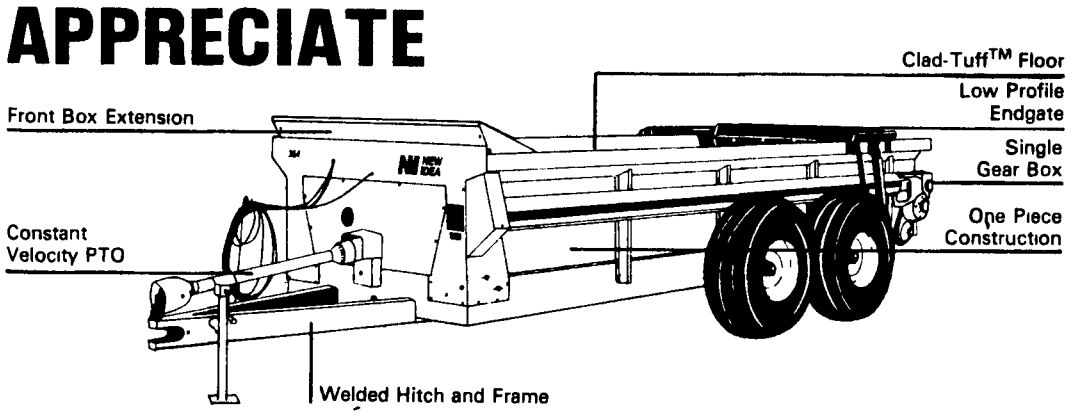

Model 362 5 Ton Single Axle, Hyd. Endgate, Upper Beater	$5,340
Model 363 8 Ton Tandem Axle, Hyd. Endgate, Upper Beater, Regrooved Tires	$7,300
Model 365 11 Ton Tandem Axle, Hyd. Endgate, Upper Beater, Regrooved Tires	$8,425

Also In Stock

NI 484 Big Roll Baler
NI 405 Rake
NI 400 Rake
NI 509 Mower-Conditioner
NI 522 3 Pt. Sickle Mower

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WISCONSIN HEAVY DUTY ENGINES

- V465D 65.9 HP w/Clutch... $3455
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- VH4D, 30 HP, Case Repl. $1995
- VH4D, 30 HP, Bobcat Repl $1795
- VH4D w/Clutch Reduction $2050

(Repl. Engines in stock to fit most popular skid loaders)

WISCONSIN ROBIN SPECIAL
30% to 44% Off List

- W1 145, 3.5 HP, Recoil, Free U.P.S. $160
- W1 145, 3.5 HP, Pump Shaft $195
- EY183W, 4.6 HP, Recoil $215
- EY25W, 6.5 HP, Recoil $245
- EY27W, 7.5 HP, Recoil $310
- EY27W, 7.5 HP, 6-1 Reduction $380
- EY27W, 7.5 HP, Pump Shaft $305
- EY27W, 7.5 HP, Electric $445

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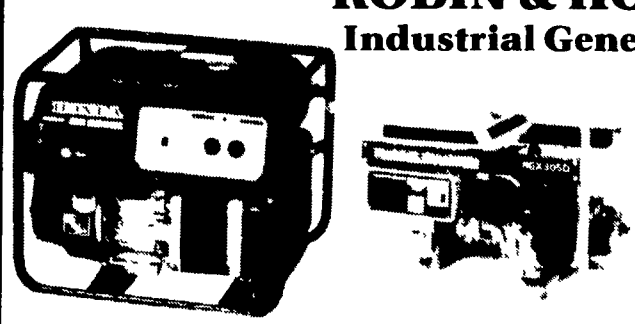

1200 To 4000 Watts

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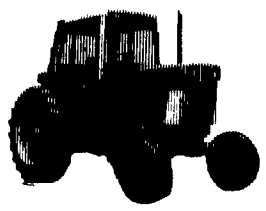

NEW EQUIPMENT

5100 Grain Drill, 16x7
475 Disk Harrow 12 ft.
335 Running Gear 20,000 lbs.
515 5 Furrow Plow, 18"
86 Rake
15 Baler Thrower

NEW TRACTORS

484
284-Turf Tires
244-Turf Tires
254-Turf Tires

USED TRACTORS

Farmall Cub w/60" mower
Cub Cadet 682 w/44" mower
Cub Cadet 1650 w/50" mower
Int. 364D
MM Model ZB w/blade
Farmall H
284D 161 hrs.
Farmall BN w/mower

USED EQUIPMENT

IH 1050 Loader
7' 990 Mower Cond.
Woods model C114 rotary mower

case IH

LAMB'S FARM MACHINERY
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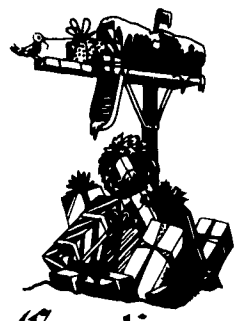
Ford Tractors Equipment · NEW IDEA · HESSTON · WHITE FARM EQUIPMENT

USED EQUIPMENT

Int 674 Tractor
Farmall 340 Trac
White 2-135 Tractor
Haybuster 1068 No-till Drill
White 281 10' Offset Disc Harrow
JD 5 Bot 18" Plow
JD 3 Bottom 14" Plow
NI 900 4 Row Planter
Holland 3R Transplanter
MF 3B 14" Mtd Plow
Ford 2 Row Cultivator
Hesston 1014 Windrower
MF 82 Combine
White 7300 Combine
Fox 728 2R Corn Head
Woods C80 Rotary Cutter
NI #12 Spreader
NH 512 Manure Spreader
Hesston 7150 Forage Harvester
Better Bilt 1100 Gal Liquid Spreader
Ford 501 Mower
Danco Rear Unload Forage Box
Ford 120 Lawn & Garden Tractor



Greetings

May your Christmas hold many wonderful surprises in store!

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

Merry Christmas to All

May your holiday season be filled with all the expressions of joy that is Christmas

COMBINES W/GOOD SELECTION OF HEADS

J.D. 6620 S.H., 800 Hrs., Real Nice; 6620 S.H.; 900 Hrs., 1 Owner, Nice; 6620 L.L., 900 Hrs., 1 Owner - In Field Working; (75) 6600 D. Rotary Screen - Good; 6600 D. w/Grain, Good For $9,500; (77) 4400 D. C.A. - 890 Hrs., Real Nice **(SOLD)**; (69) 55 Sq. B. w/Cab, Corn Special; 55 Sq. B. w/Cab - Good; 6620 With Fire Damage Cab **(SOLD)**; '74 JD 6600 D Hydro, real nice

IH (NEW) 1420 Axial Flow - Full Eq. w/820 Flex; (Used) 1460 Axial Flow - 900 Hrs., $34,800, Very Nice; (76) 915 Dsl., C.A. Turbo Hydro; (73) 915 D. C.A. Turbo Hydro w/4R C.H. $9,800; 715 Gas - Good; 205 w/Cab & 10' G.H; 203 w/Grain & 227 C.H.

M.F. (77) 760 V8 Hydro w/Mud Hog Rear W.D., fully eq., nice; (80) 750 Gray Cab, 760 Hours - Nice; 550, Low Hours - Nice; (75) 510 D. Hydro w/Cab; (69) 510 D. w/Cab; 300 D. C.A. - 640 Hours, Excellent; 300 Gas - $2,850; **N.H.** TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.- Nice; #90 Pull Type.

(75) **White** 8600 D.C.A. Hydro w/15' Flex, $9,750; **N.I.** 702 & 705 Uni-Systems w/Full Eq.; **N.I.** 709 C.A. w/R.W.D. **(SOLD)** & 767 Super Chopper; 729 A Shellers, $1,200; NI 727 Husking Beds In Stock.

Combines Coming In: MF 850 Hydro, clean w/heads; '78 JD 6600 D. hydro. w/low hrs., extra nice; IH 1480 w/820 Flex & 8R C.H.; Gleaner F w/grain & like new 430 C.H.

CORNHEADS: J.D. 843, 643, 444, 443, 343, 244, 243, (New) 443 - $9,300; 653 Row Crop; 313 (45), 334 (55), 205 (40) 234, 435; Late Model 643 & 443, like new; Late Model 444, 643-$5250 & up, 443-$4250 & up.

I.H. 883, 863, 844, 833, 744, 227.

A.C. GL 440, C440, A438, L438, M430, F430, F335, F330, K238.

M.F. 1163, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; **White** 706N; **Ford** 4-30"; **Case** (404) 4-40".

GRAIN HEADS: J.D. 12'-15' Incl. 213 & 215 & (2) JD 216 Flex, like new.

I.H. (New) 820 - 15' Flex, (Used) 820-17.5' Flex, $4,300; 810-13' Thru 16.5' w/Reg. or Floating Bar; 710-13'.

M.F. 10'-16' Reg. or Floating Bar; **A.C.** E10', G15'.

N.I. 713 Flex Or Rigid, 711.

TRACTORS:

J.D. (New) 4450 C.A. P.S. w/FWD; new 4240 C.A.P.S.; (Used) 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. - Factory Duals; 4640 C.A.Q.R. - Snap On Duals; 4450 C.A.P.S. - 100 Hrs.; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; 4240 C.A.P.S. - Nice; 4240 C.A.Q.R. 920 Hrs. - Excellent; 4240 Q.R. Fender; 2940 w/F.W.D. & 260 Loader, Low Hours; 2940 w/R.G.; 2840 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 6030 C.A., Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; 4630 - 8 Spd., Nice; 4430 C.A.Q.R.; 4230 C.A.Q.R.; 4230 P.S. w/R.G.; 2640 w/Hi Low & 2 outlets **(SOLD)**; 4030-77, C.A., QR; Used JD 4430 R.G. & Q.R.; JD 4040 PS w/R.G.; JD 4030 Q.R. w/R.G.; JD 4030 w/Fender; JD 4230 D w/RG Enclosure; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; 7520 4 W.D. C.A. - Duals; (70) 5020 - $6,500; (67) 5020 w/Duals - No 3 Pt. $4,850; 4620 w/Cab & New Tires; 4520 w/Cab & Fresh Motor; 4320 w/Cab - Good; (8) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/Cab; (2) 4020 w/158 Loader, 3020 D. S.C., W.F.E.; 2520 D.; 2020 D. w/Loader; 2020 Gas; 4010 D. - New Clutch, $5,450; 4010 D. $4,500; 4010 Gas; 730 D. P.S. w/3 Pt. - $3,450; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P., P.S.; 60; A, 3010 gas.

I.H. (New) 5088 Full EQ.; (New) 3688 Full EQ.; 5488 Full EQ., Radial Duals - Like New; 3588 2+2 Local - Full EQ. - 900 Hrs. - Like New; 1486 w/C.A., dual PTO, 3 outlets & dual wheels; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 186 Hydro C.A. - Like New; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice, $9,500; 684 w/Cab; 1568 C.A. - 1,000 Hrs., Real Nice; 1468 C.A. - Nice - $8,500; 1566 C.A. - Black Stripe; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766 Original; 666 D., Real Nice; 674 D. 574 D. w/Loader; 574 D. - New Tires; 574 D. - $3,950; 354 Gas Utility; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 D. Hydro w/2000 L; 656 Gas - W.F.E. - Original 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D; 706 w/German Diesel - Very Good. 706 D. - W.F.E. - 3 pt. - $5,000; 706 W.F.E. - 3 pt Gas; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; 606 Gas w/L. - $4,250; 560 D. w/F.H.; 460 w/Loader - Needs Trans. Work; 450 w/P.S. & F.H.; 230 w/F.H.; Super M, M w/W.F.E.; M & H, nice; Super C. W.F.E. - F.H.; C w/Cult.

A.C. (New) 8050 C.A.P.S. - Radial Tires, List 56, Cost 44, Our Price $32,850; (New) 6080; (New) 7010 w/20 Spd. - $18,750; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040 C.A.P.S., Like New; 7010 C.A.P.S. Full Wts., - Light Package - Like New; 6080 w/R.G. - Nice; 210 - New 20.8-38 Tires - Full Wts; 200 w/Cab - $7,850; 180 D. - W.F.E.; Good; D17 Series 4 - w/3 pt.; D15 W.F.E. - P.S. w/Hyd. Loader; D14 WF w/Hyd. Loader; WD - 45 w/A.C. Loader & P.S.

CASE (Used) 2590 C.A.P.S. - 925 Hrs. - Like New; 1690 C.A.P.S. - 100 Hrs.; 1370 C.A.P.S. Factory Duals - Full Wts.; 380 D. w/R.G.; 1070 - P.S. $6,850; 1410 w/R.G.; 930 C.K. w/3 pt.

M.F. 2675 w/R.G. w/1,000 Hrs.; 184-4 w/F.W.D.; 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; 1135 w/R.G. & Duals; 1130, 1100, 175 D w/R.G.; 90 D.; 65 D.; T030, T030 w/Loader.

FORD 9600 w/Cab; 7600 w/Dual Power - Nice; 5000 D. - Real Nice; TW-20 w/220 Hrs. - Damaged. 901 w/WF; 8N

OLIVER 1855 w/20.8-38 Tires - Original Paint; 2050 - $7,850; 1950 T w/Cab - $5,975; 1650 D. W.F.E. w/o Shift - Original; 880 D. W.F.E. & 3 Pt.; 1800 Needs Motorwork.

WHITE 4-210, 4WD w/duals, 3 pt. fully eq., 1600 hrs., real nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $19,900; (2) 2-135 C.A.; 2-85 w/1840 Loader - Very Good.

MISC. AGRI-POWER - 9,000-115 HP - Made by Fiat - 80 Hrs. Like New; **DEUTZ** 9006; M.M. Vista G1000 w/Cab & M.M. Loader.

Tractors Coming In: Used 4630 C.A., nice; JD 2640 w/Hi Low, 38" Tires; Case 2090 C.A., PS; Case 2590, like new, C.A., P.S.; Case 1070 & 970 w/Cab; MF 285D.

CORNPICKERS: N.I. (New) 324-2RW w/Super Sheller List $15,390 **SALE** $8,475; (New) 323 - 1R; (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers; 323 - Like New; 323 Nice - $2,500; 305 & 319 MNTD; JD 237 MNTD; JD 300, w/2 or 3R C.H.

N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A Hydro; 3960 - Elect. Controls; 3800 w/Elect. Controls; 38; 5200 S/P w/R.W.D. - Fire Damaged Cab.

N.H. 890, 782, 770, S717; 717.

FOX Super-D S/P - $4,950; 3310 w/3RN.

GEHL 600 w/2R; **I.H.** 830 w/3RN; IH 50 w/heads.

FLAIL CHOPPERS: (2) NH Used 38, I.H. 10 & 8; **N.I.** 4R Stalk Chopper; JD 16A.

FORAGE WAGONS: J.D. 716A w/Roof - Real Nice - $6,750; 716A - $3,450; **N.H.** #8 w/Roof, Real Nice; (2) **HESSTON** 7316 w/10 Ton Gear - 1 Yr. Old - $4,250; **HESSTON** #30 Stack Hand - $4,250.

HAY EQ.: BALERS: J.D. 336W w/Thrower - Real Nice; 346T w/Thrower; 466 - Big Baler For $5,000; JD Round 500 - $3,800. NH 310 w/Thrower; NH 320 w/Thrower; 280 W w/Motor; 275T; 273T w/Thrower; 69; **M.F.** 12; **I.H.** 440; **N.I.** 456 Round Baler.

RAKES: N.H. (New) 256; (Used) 258 w/Front Wheel; 256.

N.I. (New) 406 w/Dolly Wheel - $2,275; (Used) 402.

J.D. 660 w/Dolly Wheel; **I.H.** 15; M.F. 20 - 3 pt. - 6 Bar.

GRIMM & LELY TEDDERS

HAYBINES: N.H. 1495 S/P Hydro C.A. - 1,100 Hrs. - Real Nice; 1495 S/P Hydro, ½ Cab - Fresh Motor Overhaul; (Used) 489, 488 Nice; (2) 479; 472 (Nice); 461; 467, 7'.

HESSTON PT-7; 1014-12' Hydro Swing $1,975.

I.H. 990 - $1,000; **GEHL** 880 - $1,000; **M.C.** (New) 7E Rotary Scythe - $4,850; (Used) 7E; **N.I.** 270 Cut/Ditioner $950; 279 - Good; N.H. 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 737 Direct Cut For 717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; Hay Pickups.

J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 5 JD C.H. harvester adapter plates.

I.H. 2 R.N. Silage For 550-650.

FOX 2 CSB 2RW - Snapper Head; 263-2 RW & 3RN Silage; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

N.I. 761 Pickup.

FIELD QUEEN 1413 Flail Cutterhead, 8'.

PLANTERS: J.D. 7000-(New) 6R Cons. w/Dry Fert., Ins. & Monitor - $12,900; (Used) 7000-6R Cons. Liquid w/No Till; 7000 6-R Dry; 7000-4R Dry & Liquid; 1440-4RW; JD 7000, 8R 30", fully eq. w/no' til.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor; 400 Cyclo - 6R Liquid - $1,850; 400-4R Dry; #56 - 2RW D.D. - Dry.

WHITE 5100 - 6R Drl; **OLIVER** 5400-6R Dry w/Fill & Pop. Monitor - No-Till; **A.C.** 12R No Till Soybean.

DRILLS: JD 8300 (Like New) D.D. 100 Acres; 21x7 D.D. w/Soybean Att; 8300 21x7 D.D. - $3,250; 8200 D.D. 21x7.

I.H. 510 21x7 D.D. w/Press Whls; 510-16x7 S.D. w/Fert & Grass Seed; 510-18x7.

M.F. 43-22x7 w/Grass Seed $1,875; **MOORE** 10' No Till, Like New; **BRILLION** Seeder; **N.I.** 12' LIME Drill.

GRINDER/MIXERS: N.H. 357, 352 - $1,450; **I.H.** 1150 Nice; GEHL 95 - Real Nice. **(SOLD)**

TILLAGE EQ.: PLOWS JD 2+3x #845 Rollover; Oliver 3x Rollover; Oliver 4x Rollover; JD 4x16; Oliver 546 4x- Spring Reset; Oliver 5x Cushion Trip; DMI 5x; **I.H.** 5x16 Semi-Mount w/Spring Reset; **OLIVER** 546 - 5x16 Spring Reset; **I.H.** 700 - 6x16 Spring Reset; **J.D.** 2500 6x18 Spring Reset; **WHITE** 549 6x18 Spring Reset On-Land; J.D. 7x; Oliver 566 7x.

CHISEL PLOWS: JD 14' w/Gauge Wheels; Brillion 8'; Athens 9'; JD 150 10'-12'; (New) D.M.I. 12'; I.H. 55-12'; Brady 1000-14'; Sunflower Hyd. Fold 18' - $1,850; J.D. 1600 - 21' Hyd. Fold; (New) Landoll 230 - 23' Hyd. Fold.

DISCS: Crustbuster 10' Flex Offset; Miller 10' Offset; I.H. 370-15'; J.D. - 15'; A.C. 18'; J.D. 220-20' - Hyd. Fold; I.H. 480 - 20'; Kawanee 22'; **A.C.** 25' Hyd. Fold; JD 230, 20' hyd. fold.

MULCH TILLERS: M.F. 129 - 11'; J.D. 1710 - 11'; Krause 2800 - 14'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; Brillion 15' w/Inside Wheels; Brillion 21' - Hyd. Fold.

PACKERS: (New) Brillion - 12'; (New) Brillion 25' - Hyd. Fold; (Used) Brillion 21' - Hyd. Fold; Used 12 & 14' Packers.

CULTIVATORS: J.D. 4+6R Front Mount; RG4 - 3 Pt.; Littleston 4R-3 Pt.; Oliver 6R Front Mount; **I.H.** 4R Front Mount; 12' Field; **J.D.** 1000-25' - Hyd. Fold; **I.H.** 20' - Hyd. Fold.

HARROWS: I.H. 12' Drag; **J.D.** 16' & 20'; **OLIVER** 16'; Case #100-25'.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Sok-Finisher 12'9" - Like New; **I.H.** 18' Vibra Chisel; Howard 13' Rotavator; J.D. #400 Rotary Hoe; Bush Hog 7-Shank V-Ripper $1,650.

INDUSTRIAL: CRAWLER LOADERS: J.D. 450C, I.H. 500E Low Hours - Real Nice; CAT 955L, Nice; CAT 933; A.C. H-3 w/6 Way Blade; A.C. 500-21' Forklift; J.D. 840 Self Loading Scraper; Case 530 D. Loader/Backhoe; J.D. 3010D. Loader/Backhoe; Gehl 3000 & Bobcat 722 Skid Loaders.

LOADERS & BLADES: J.D. 48, 58, 145, 148, 158, 245; **I.H.** 2050; 2250; 2350; 2355 (New); **FORD** 772; White 1840, 1710; Great Bend 700 (New); **DUNHAM LEHR** Fits I.H. 400-560; Set Of Forks For I.H. 2000 & 2250L; I.H. 8' Blade Fits 400-560; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD.

LAWN & GARDEN: I.H. Cub, Cub 154 & 184 Lo-Boys; Cadet 682 & 128.

J.D. 400, 318, 317, 314, 212, 210, 208, 140, 112.

MISC: (New) Killbros Bins & Running Gears; Artsway 800B w/Elect. Scales - Like New, $6,250; Feedwagon Grain-O-Vator Feed Wagon; **N.I.** 213 Spreader; 214 Spreader w/Endgate; Bestland Rock Picker; J.D. 65 Blower; J.D 350 Sickle Mower; Used 6' grain auger; (New) Sidewinder 213-13' Rotary Cutter (Incomplete), List $5,885 - As Is $1,650; Bush Hog 12' Rotary Cutter; (New) I.H. #80 Snow-Blower - 3 Pt.; (New) McKee Snow-Blower Front-Mount; TANDEM AXLE FERTILIZER SPREADER; 3 Pt. Hitch For J.D. 630 & 730; J.D. Quick-Couplers; (2) Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D. 38" Cast Whls. & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H. 66 Series; (New) Full Vision Cabs For M.F. 165 Thru 1135; Dual Wheels; J.D. & I.H. Front & Rear Wts.; J.D. & I.H. Roll-Guards.

STRAW CHOPPERS: For J.D. 4400, 6600, 7700; M.F. 510, 760.

TRUCKS: (76) **CHEVY** 4x4; **I.H.** Scout 4x4; DELTA 44' Combine Trailer.

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I.H. 1256 - Motorwork; 460 Gas w/Loader - Minor Trans. Work; 560, 300; 706 Gas - Trans. Work.

CASE 1410 - Motor; 1212 - Housing.

FORD TW-20 - Housing; **OLIVER** 1800 - Motorwork; Ford 6000 Commander WF, needs motor, $1,250; JD 2020 gas, PS, $3,200; Ferg. 30 w/Hyd. Loader, $2,250; JD 60, $985; Farmall C, $550.

COMBINES: J.D. 6620 w/Fire Damaged Cabs (SOLD); J.D. 5200 S/P Chopper w/R.W.D. - Fire Damaged Cab.

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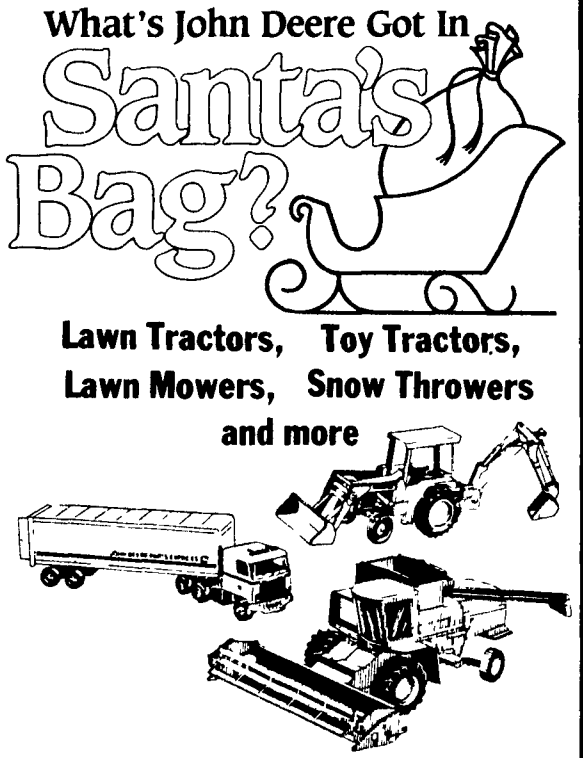

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JD 4010 Gas WFE 18 4T	$ 5,200	$ 4,895
JD 3010 Dsl ROM	$ 6,750	$ 6,250
JD 2510 Gas, ROM	$ 4,950	$ 4,850
JD 620 w/3 pt	$ 2,995	$ 2,850
JD 50	$ 1,875	$ 1,675
CASE 2090 12 sp CAB dual remote, dual whl	$16,500	$15,900
CASE 1210 12 sp P/S WFE	$ 5,995	$ 4,995
IHC F1066 Dsl , turbo CAB A/H WFE dual remote	$13,900	$11,900
WHITE 2 105 Dsl , WFE dual remote, 18 4 T,	$ 8,450	$ 7,995
OLIVER 1650 Gas, Hydra Power,	$ 6,995	$ 6,495

UTILITY TRACTORS

	WAS	SALE
JD 2940 Dsl TSS Hi/Lo, dual remote, 18 4 T	$15,500	$14,900
JD 2940 Dsl , Cab, MFWD, 18 4 T LEON H D Loader 7 ft bu	$31,500	$29,500
JD 2640 RU Dsl , Roll Gard & encl.	$12,900	$11,900
JD 2440 Dsl	$10,990	$ 9,950
JD 1520 Gas, Hi/Lo, Live pto	$ 5,800	$ 5,500
FORD 600	$ 3,150	$ 2,995
FORD 8N	$ 2,150	$ 2,000

CORN PLANTERS

	WAS	SALE
JD 7000 6R N dry fert cross auger insect	$7,395	$6,995
JD 7000 4R N' liquid fert monitor	$6,495	$5,995
JD 7000 4R"W' , dry fert insect HD coulters mont	$6,200	$5,995
JD 1240 4R"N", dry fert insect, DDO	$2,550	$1,995
JD 1240 4R dry fert insect runner opener	$1,750	$1,450
JD 1240 dry fert NO insect	$1,500	$1,150
JD 1240 4R"W", dry fert insect, runner opener	$1,500	$1,150
JD 494 4R dry fert att	$ 995	$ 695
AC 6 row NoTil, liquid fert	$1,750	$1,295

CORN PICKERS

	WAS	SALE
NI 323 1 row hyd lift	$3,250	$2,950
NI 324 2 RW 329 Shel	$5,850	$4,950
NI 325 2-RN 327 Husk	$6,995	$5,995

COMPACT UTILITY TRACTORS & EQUIP

	WAS	SALE
JD 750 MFWD w/67 Hyd Loader	$7,150	$6,500
JD 365 front blade w/ext (fits 650)	$1,000	$ 895
JD 448 rotary tiller 3 pt	$ 995	$ 895
WOODS RM306 rotary mower, 3 pt	$1,050	$ 950
4-FT ROTARY CUTTER	$ 495	$ 395

SNOWMOBILES

JD Liquifire Snow mobile	Priced To Sell
JD 800 Snowmobile	Priced To Sell

FORAGE EQUIPMENT

	WAS	SALE
JD 5400 SP Cab power rear whl drive w/484 stalker head	$38,500	$34,500
JD 5200 SP Cab w/3R 30' RC	$24,750	$19,750
NH 1895 SP Cab metal deflector w/4R 30 ' RC hay pick up	$29,500	$26,500
JD 3960 PT long tongue w/3R 30	$12,900	$11,500
JD 3960 PT 1000 pto elect controls (#2976)	$ 7,950	$ 7,850
JD 35 PT 2R 30 5 Hay pick up	$ 4,500	$ 3,950
JD 38 PT 2R 38	$ 1,450	$ 1,350
JD 3R 38 RC (#3108)	$ 1,550	$ 1,250
JD 3R 30' RC (#2312)	$ 3,250	$ 2,750

FORAGE WAGONS

	WAS	SALE
JD 716 Forage Wgn 3rd bt roof 1275 gear	$6,500	$5,500
JD 716 Forage Wgn 3rd bt roof 1275 gear	$6,500	$5,500
JD 216 Forage Wgn w/EZ gear	As Is	$1,450

GRAIN DRILLS

	WAS	SALE
JD 8300 18x7 plain, sngl d o GSA	$2,950	$2,695
JD FB 13x7 w/fert, sngl d o , GSA	$ 950	$ 650
JD 1500 power till seeder 3-pt, 12 op, GSA	$2,750	$2,350

ROTARY CUTTERS

	WAS	SALE
JD 407 Int 7 ft	$1,050	$ 895
JD 407 PT 7 ft	$1,350	$ 995
JD P107	$ 450	$ 395

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	WAS	SALE
GRAHAM "S" PT CHISEL 7-teeth	$225	$200
JD 8-ft bar w/5 sngl spring teeth, 3 pt	$795	$595

WHEELS/TIRES & MISC

	SALE PRICE
1 pr whls w/11L 15 10P	$ 80
1 pr whls w/9 5L 15 8P	$ 60
1 set (4) whls w/7 50 16 8P	$125
Hood for JD 125 Chuck Wagon	$100

COMBINES

	WAS	SALE
JD 7700 Cab A/H Auto hdr hth cont (base machine)	$19,500	$18,900
JD 6600 SH CAB A/H w/215 flex head 643 corn head	$36,950	$33,500
JD 6600 CAB A/H Hydro Auto HH C w/213 Flex head	$24,500	$23,500
JD 4420 CAB A/H Loss Grain Mon Straw Spdr W/213 Flex head	$35,500	$31,500
MF 300 CAB S/H straw spdr 13' plat 33 corn head	$11,250	$ 9,950
NI UNI 702D CAB 710 combine 713 plat	$ 7,500	$ 6,500

BALERS

	WAS	SALE
JD 347 w/30 ejector used 5 mo, like new	$11,950	$11,500
JD 346 w/30 ejector hyd cyl, multi luber		$ 5,850

DISK HARROWS

	WAS	SALE
JD 310 14 ft 3 in	$3,950	$3,450
JD 3000 series 14 ft	$2,950	$2,450
JD AW 28 bl 10 ft	$1,350	$1,250

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JD 27 Flail Shredder	$5,500	$4,695
JD F950 Roller Harrow 12 ft	$1,650	$1,495
NI 270 Cut/Ditioner	$2,250	$1,995
JD #9 3 pt mower	$ 450	$ 395
MF #41 mower 3 pt pitmanless hyd cutter bar	$1,050	$ 950
JD 125 4B16 3 pt	$ 795	$ 595
JD 2600 5B18' semi mtd sp reset ga whl	$5,850	$5,350
JD 896 side delivery rake gr dr 4 bar	$ 975	$ 875
JD #535 trailer sprayer 30 ft boom cent pto pump	$1,395	$1,195
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(2) JD 7000 4 row conservation planter, dry, insect , markers, monitor, excellent
MF Grain Drill, steel wheel, nice
(2) IH 56 4 row DD, dry fert

HAY, FORAGE & MISC.
NH 315 Baler
NH 273 Baler
NH 68 baler w/thrower
JD 480 mower conditioner
(3) Used Flail Choppers
JD 506 Rotary Cutter
NH Super 717 Harvester w/2 RRC & pickup head, very good
IH 830 harvester w/2 row head, excellent cond.
JD 38 Harvester
8' Brillion Cultipacker, like new
JD 115 Forage Box
NH 353 grinder mixer w/scales, like new
JD 750 grinder mixer, very good
JD 80 tool bar, 2 row cultivator
Ford 3 pt. hitch mower, $425
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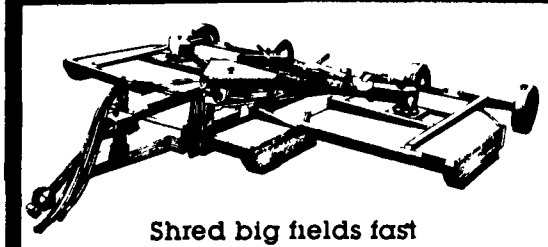
At John Deere, your new machine buy has a solid backing of parts, service, and good trade-in value

Flexible 15-footer

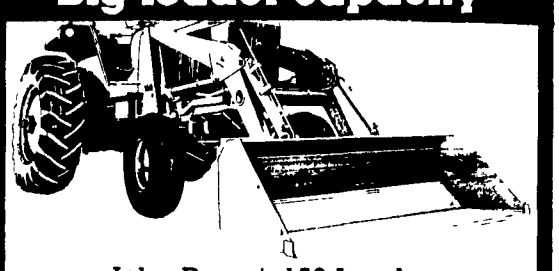


Shred big fields fast with a John Deere 1508 Unibody™ Rotary Cutter

The giant 15-foot cutting width lets you eat up rows of stalks or acres of pasture The ground-hugging 1508 flexes over uneven terrain to cut all your crop

And best of all you get exclusive Unibody construction See one today

Big loader capacity



John Deere's 158 Loader handles big loading jobs on old or new tractors

The John Deere 158 Loader offers big loading capacity on your row-crop tractor — from 90 to 140 hp

Lift 3540 pounds up to 13 ft Move mountains of manure and materials fast

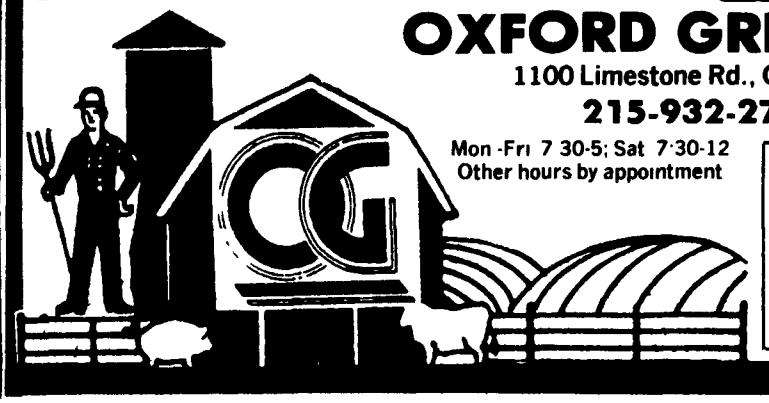
10% OFF ON BOTH THESE SPECIALS

USED EQUIPMENT SPECIALS

TRACTORS
Deere 2350 Utility Tractor w/front wheel drive
JD 2440 Utility Tractor
Deere 4440 Tractor w/4 post & power shift trans.
JD 4430 Tractor w/sound guard, cab, & quad range trans.
Deere 2840 Tractor
Deere 2630 Tractor
Deere 2010 gas utility Tractor
Kubota 16 h.p., 4 WD Tractor w/mower

IMPLEMENTS
(1) 7000 6 row narrow no-till JD planter
(1) 12 row folding JD no-till corn planter
(1) 781 NH Manure Spreader w/Hyd. endgate
(1) 716 JD Forage Box w/3 beater & roof
(1) 216 JD Forage Box w/roof
(1) 15' Woods folding rotary cutter
(1) 770 NH Forage Harvester w/2 heads
(1) Fox pull type Forage harvester w/3 row corn head & hay pickup

COMBINES
Deere 7720 4WD Combine
Deere 6620 Sidehill Combine
Deere 7720 2WD Combine
Deere 3300 diesel Combine
NI Uni System w/12 roll husking bed & 3 row narrow corn head



OXFORD GREENLINE
1100 Limestone Rd., Oxford, Pa.
215-932-2753
Mon -Fri 7 30-5; Sat 7:30-12
Other hours by appointment

The people at Oxford Greenline wish to take this opportunity to thank all their customers for their business in 1985 and wish them God's richest blessing thru 1986.

TIME FOR THESE TO GO!

Case 310 Crawler Dozer	$1,650
AC HD3, 6 way Dozer	$4,500
Belarus 820, 4 WD w/Cab	$3,995
Long 900	$2,750
Several JD 720's	Call

Valley Implement Company
Rt. 38
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FOR SALE
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Many sizes from 500-20,000 gallons.

Ideal for holding tanks, grain storage, culvert pipe, etc.

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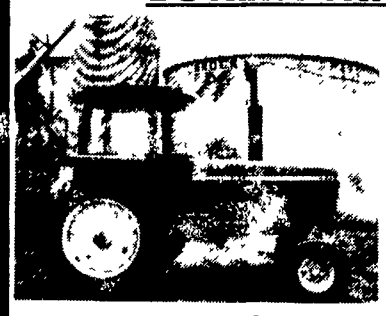
LORLIN TRACTOR SALES



JD 4430
Cab, QR, dual hyd. $8,000 spent on new motor, clean.
$12,500

JD 4440
Cab, powershift, wts., new rubber, hydro seat, sharp
$18,500

OTHER TRACTORS

JD 4440, 4WD, Cab, Sharp	$16,500
JD 1020 Dsl., Utility, Nice	$4,500
JD 3020, PS, Dsl., WFE	$5,900
JD 2030 Diesel Independent PTO	$5,900
JD 2510 Diesel WFE, Nice	$4,500
JD 4000 Side Console, Dual Hyd.	$7,500
JD 4430 Powershift, Dual Hyd.	$9,500

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TRACTORS

JD 4240 Cab like new 1200 Hrs.	
JD 2640 900 Hrs. new tires, clean	
JD 2440 Roll-Gard, Canopy, new tires	
JD 1050 4WD Loader, Backhoe 26 Hrs.	
JD 70D Tractor	$1,200
JD B Tractor	$600
AC WD 45 Loader, Center mower clean	$3,500
AC WD Tractor w/Loader	$1,800
AC 5020D Tractor 250 Hrs., Like New	$4,200
Kubota L250 Tractor w/Loader	$5,000
245 Tractor Like New	$4,300
Satoh Bull w/Loader 4WD	$5,500
IH 154 Lo-Boy w/Center Mower, Tiller	$3,500
Farmall H Clean	$800
Ford 9N Clean	$1,400
Ford 3600D Turf Tires Lo Hrs.	

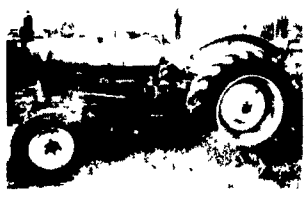
MISC. EQUIPMENT

2 Woods 5' Rotary Mowers	$450
5' Rotary Mower	$300
JD 10' 3 Pt. Chisel Plow	
Bush Hog 12' Pull-Type Chisel Plow	
4 JD Disc on Wheels	
4 3 Pt. Disc Some Like New	
JD 2B 3 pt. Plow	
Ford 3 Pt. Plow	
2 1B 3 Pt. Plows	
1 Row Culti. w/1R Planter, Like New	
Little Giant 22' Elevator, Like New	$1,700
JD 494 Planter	$700
2 New Holland Forage Wagons	$1,300
Lamco Forage Wagon	$1,100
New Holland Blower	
Grimm Tedder	
New Holland & Vicon Disc Mowers	
Grove Grain Box w/Wagon	$400
New Holland 479 M-C	$2,200
JD 24T Baler w/Thrower	$1,400
2 JD 16A Flail Choppers	
JD 3 Pt. Plows 3-4-5 Bottoms	
MF Ind. Loader	$1,200
* Tuff-Built Tractor Like New*	
1 JD 7000 Con. Planter (Rental) 1985 Model Loaded	$7,500

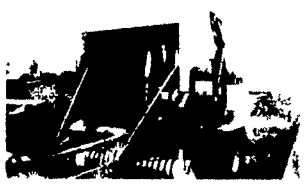
JD 6620 Side Hill Combine Complete Rebuild — $30,000

Used Lawn & Garden Tractors
All Makes 30+ To Choose From

YEAR-END USED TRACTOR CLEARANCE



Ford 4000 Tractor
Reg $4,825
SALE $3,975



#15933 Gehl 1600 Round Baler
Excellent
Reg $6,800
SALE $5,495

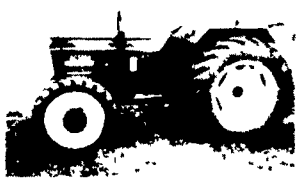
#15100 J D 1209 Haybine (P T)
Reg $6,615
SALE $5,400

14414 Gehl CB600 Harvester w/2 Row & N Head
Reg $7,219
SALE $4,500

#14340 Ford 7710 w/777D Ldr
700 Hrs
Reg. $23,625
SALE $17,500

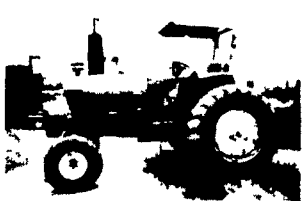
#15626 Ford 9N Tractor
Reg $2,735
SALE $2,395

#16151 Ford 4500 TLB
Reg $11,500
SALE $10,500

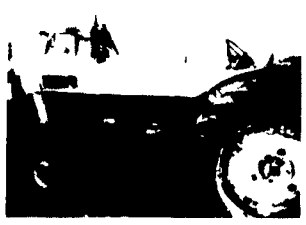


#06199 Allis Chalmers 5050DT
Reg $13,330
SALE $10,975

#06251 Farmall C w/Ldr. & Cult.
Reg. $1,885
SALE $1,395

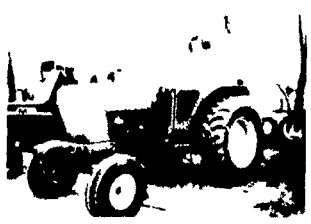


#15106 Ford TW10 Tractor
Reg. $17,250
SALE $15,500



#15401 Ford 6000 Tractor (as is)
Reg $1,500
SALE $1,050

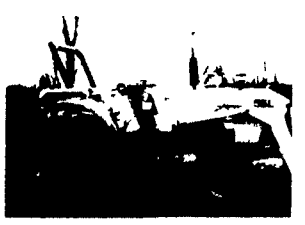
#16174 Massey Ferguson 255
Reg $9,825
SALE $7,500



#15171 Ford 7710 Lease Tractor

#16087 IH 4140 Skid Ldr.
Excellent Cond.
Reg. $10,650
SALE $7,950

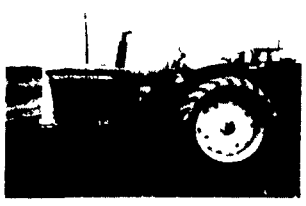
#14972 Owatanna Skid Ldr.
Reg. $5,065
SALE $4,975



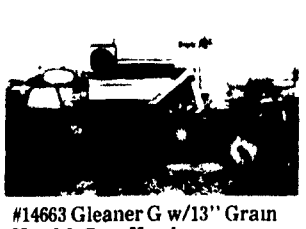
#16078 Case Ldr. Tractor
Reg. $12,900
SALE $11,900

#16154 IH 504
Reg. $3,985
SALE $3,495

#15985 CASE 580
Tractor Loader Backhoe
Reg $8,500
SALE $7,500



#15052 J.D. 3010 Tractor
(1800 hrs.)
Reg. $5,400
SALE $3,900



#14663 Gleaner G w/13" Grain Head & Corn Head
Reg. $17,550
SALE $13,500
Waiver Till Sept 1, 1986

Take Advantage Of Year-End Tax Investment Credit

Wishing You A Very Blessed Christmas

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CASE IH NEW EQUIPMENT

TRACTORS
1896 95 H.P.
684 & Loader
584 4WD 484

OTHER NEW EQUIPMENT
496 22 Ft. Disk
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445 Baler & Kicker
2250 Loader
881 Forage Harvester
600 Blower
1190 9 ft. Mower Conditioner

SPREADERS
530
540
560
595

MISCL.
Kuhn Tedder & Disk Mowers
Woods Mowers

USED EQUIPMENT TRACTORS
IH 1568
IH 1256
IH 766
IH 674
IH 574
IH 484
IH 544
IH 544 Hydro & Loader
IH 385 SOLD
IH 284
IH M
IH H SOLD der
IH Cub & Mower
IH Cub & Cultivator
MF 65 Unloader
Kubota 175 & Mower

MISCL.
IH 105 Grinder Mixer
Woods 121 Mower
NI 270 Cut-ditioner
IH 720, 618 Plow
IH No. 10 Drill
NI 319 Mounted Picker
NI 212 Spreader
IH 1190 7 Ft. Mower Conditioner
IH 500 Disk Harrow

BIGGS INCORPORATED
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Season's Greetings

NEW EQUIPMENT
MF 1010, 4WD Tractor, 16.5 h.p
MF 283, 8 spd. Tractor, 67 h p, stand clear
MF 250, 8 spd Tractor, 40 h p
MF 283 8 spd Tractor, row crop
MF 1143 corn head
MF 1144 corn head
Mitsubishi 160, 4WD Tractor, 16 5 h p.
Misubishi 180, 4WD Tractor, 18 5 h.p.
MF 220 Baler
MF 224 Baler
MF 212 Bale Thrower
MF 133 Chisel Plow, 3 pt
MF 585 8½' Rake
MF 925 9' Haybine
Pequea Hay Tedders
Woods Mowers
Owatonna 345 Skid Steer Loader

USED EQUIPMENT
MF 730 offset disc, demo
MF 300 combine early 1970's
MF 750 combine 1978, 1200 hrs
MF 760 combine 1977 hydro, less than 1,000 hrs
1976 MF 510 combine w/44 corn head
1977 MF 760 combine
1971 Gleaner G combine w/4 or 6 row heads
Used 2, 3, 4 and 6 row corn heads
1982 MF 245 Tractor
1972 IH 1066 Tractor
1972 IH 1466 Tractor w/duals & cab
1974 IH 1466 Tractor w/cab & air
JD 4020 Tractor
1974 JD 4430 Tractor w/cab
1974 JD 4630 Tractor
MF 440T Snowmobile

Used combines locally owned
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Renting skid steer loaders.
We service all makes of equipment

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B&R FARM EQUIPMENT

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NEW EQUIPMENT
AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
(2) AC 6080 2 WD
AC F3 Combine w/Floating Cutting Bar
AC 1200 S-Tine 16½ Ft. Cultivator

USED TRACTORS
AC 7000 w/New Rubber
AC 5045 w/Loader
Int'l 1086 w/Cab & Duals

USED HAY & FORAGE EQUIPMENT
2 NH 717 Forage Harvesters
JD 38 Forage Harvester w/Corn Heads
NH 78 Baler w/ Thrower
(2) NH 469 Haybine
NH 488 Haybine
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
IH 80 Pull Type Combine
IH Conser-Til
Hesston 1091 Mower Conditioner

MISCELLANEOUS
AC 460 Loader w/2 Buckets (Will fit AC 6080 Tractor)

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GOD BLESS YOU THIS CHRISTMAS SEASON

NEW EQUIPMENT SPECIALS
New Landall 5 Shank Soil Master
JD 1610 Pull Type 11' Chisel Plow
JD 1710A Pull Type 11' Mulch Tiller
JD 2700 6 Bottom Spring Reset Plow
JD 2600 5 Bottom Spring Reset Plow
JD 1010 13' Field Cultivator
JD 900 V-Ripper 7 Standard
JD 27 Flail Shredder

TRACTORS
JD 4630 w/duals $17,000
JD 4040 ..... $20,500
Ford 6000 ..... $ 2,900
Oliver 1650 Diesel Overhauled ..... $ 5,500
JD 4440 w/SG, 500 hrs. $25,500
JD 3010 ..... $ 4,500
JD 2020 w/Hi-Lo, 1900 hrs., new paint ... $ 6,500
IH 1486 w/Duals $16,900
IH BN w/Cult. $900
Long 450 Dsl. $4,500
IHC w/Equip. $1,900
JD 2940 ..... $15,000
JD 730 Dsl ..... $ 3,500

COMBINES
JD 6620 Sidehill w/643 C.H. & JD 215 Flex Head. ..... Call for Price
IH 205 Combine w/3R C.H. ..... $ 5,500
68 JD 45 ..... $ 5,000
MF 300 Massey w/heads ..... $ 6,500

MANURE SPREADERS
JD 680 ..... $3,500

PLANTERS
JD 4 Row Cons. w/Liquid ..... $ 7,500
JD 4 Row Consv. Liquid ..... $ 7,500
AC 4 Row 800 ..... $ 1,500
(2) JD 7000 Cons. 6 Row ..... $ 9,000
JD Cons. 7000 6R. Liquid
JD 8300 21x7 w/Tru-Vee Openers ..... $ 4,100

TILLAGE
JD 315 Disc ..... $ 4,900
JD 950 10' Roller Harrow, Like New .... $ 3,500
JD 1010 Folding Field Cultivator, 22' ..... $ 3,500

HARVESTING
IH 720 Harvester w/2 Heads ..... $ 3,500
JD 1209 Mower/Conditioner ..... $ 1,500
NH 469 Mower Conditioner ..... $ 1,000
Hesston PT10 Mower Conditioner ..... $ 1,800
NH #36 Crop Chopper ..... $ 1,900

NI 801 Power Unit, 4WD
w/818 Combine & 846N Corn Head,
800 Hrs.
Call During Day
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JOHN DEERE
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Halifax, PA 17032
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DEMONSTRATOR FORD TRACTORS

Ford Tractors Equipment

Just Received From Ford Tractor Training Center In Memphis, Tennessee

TRACTORS ARE IN EXCELLENT CONDITION.
7 TO 120 HOURS. FINANCING AVAILABLE.
MUST BE SEEN TO BE APPRECIATED.

#1 Ford tractor, Model 2610, S/N- C688900, Hrs. 120, 3 cylinder diesel, PS, rops, single spool valve, engine heater, bumper, flat top fenders, front tires-6.00x16, rear tires-12.4x28 ..... **$7,450.00**

#2 6610, 176 hrs., black decal striping, roll bar & canopy, front end weights, 2 spool valves w/8 outlets, front tires-10.00x16, rear tires-18.4x34 ..... **$18,500.00**

#3 3910 New, 2 hrs., 8 speed synchromesh transmission, upright exhaust, crown fenders, lights, front tires-7.50x16, rear tires-14.9x28 ..... **$10,900.00**

#18 2810 BS414C, S/N- C714456 Stabilizer Kit, Front Tires- 6.00x16, Rear Tires- SOLD 48 Hrs., Excell **$9,700.00**

#19 2810 BS414C, S/N- C728031, 7 hrs. excellent, basic unit with vertical exhaust, independent 540 rpm PTO and 8 speed transmission, 32 PTO H.P., deluxe seat, power steering, 4WD w/limited slip differential stabilizer kit, front tires-8.3x24, rear tires-13.6x28 ..... **$12,500.00**

#20 2910 BA454C, S/N- C714672, 44 hrs. excellent, basic unit with horizontal exhaust, independent 540 rpm PTO and 8 speed transmission, 36 PTO H.P., valve-single spool, open-center, remote control valve, stabilizer kit, 4WD, front tires-8.3x24, rear tires-13.6x28 ..... **$14,500.00**

#26 4610 DA314D, S/N- C733694, 30 hrs. excellent, basic unit with vertical exhaust, independent 540 rpm PTO & 8x4 synchromesh transmission, 52 PTO H.P., differential lock, two pump hydraulics w/14.1 gpm flow 4WD w/limited slip differential, power adjust wheels, double spool, closed center, remote control valves, includes valve and four quick-release couplers, alternator hi-cap, front end and rear wheel weight set w/front suitcase, front tires-11 2x24, rear tires-16.9x30 ..... **$17,500.00**

#27 5610 LA314M, S/N, C716737, 245 hrs., very good, basic unit with 540 independent PTO, 16x4 dual power and vertical exhaust, 62 PTO H.P load monitor, ford built cab w/air conditioner, heater/defroster, tinted glass, sliding rear window, interior dome light, deluxe comfortizer seat & seat belt, large padded tool box, two rear work lights, AM/FM stereo radio, 4WD, three spool, closed center, remote control valve, includes valve and six quick-couplers and hose, dry dual element air cleaner, front end and rear wheel weight set, front tires-14.9x24, rear tires-16.9x28 ..... **$21,000.00**

#28 5610 LA314M, S/N- C733685 SOLD ydraulic, Dual Power, Remote Valve (3) Air Pre-Cleaner, Weights, Front Tires- 10.00x16 ..... **$17,500.00**

#29 6710 EC314L, S/N- C714740, 130 hrs., very good, basic unit with independent 540 rpm PTO and 16x8 dual power synchromesh transmission 72 PTO H.P., auxiliary fuel tank-19 gallons, two pump hydraulic system-live hydraulics with load monitor, position control, variable draft control, automatic flow control, and special load monitor, two spool, closed-center remote control valve, Ford built cab w/air conditioner, heater/defroster, 3 speed pressurizer, windshield washer, deluxe comfortizer seat & seat belt, large padded tool box, AM/FM stereo radio, front wheel drive w/limited slip differential, front end weight set, consisting of ten 90 lb., front wafer weights and mounting carrier, front tires-14.9x24, rear tires-16.9x38. ..... **$24,000.00**

#32 7710 FC315L, S/N- C733742, 82 hrs. very good, basic unit with 540/1000 independent PTO, 16x8 synchro dual power and standard front axle, 86 PTO H.P., Ford built cab w/air conditioner, heater/defroster, 3 speed pressurizer, two doors with locks, mud fenders, tinted glass, AM/FM stereo radio, power adjust rear wheels, rear wheel weights plus front end wafer weights, front tires-10.00x16, rear tires-18.4x34 ..... **$24,000.00**

#33 TW5 Tractor C716069, 63 hrs., good, w/773 Ford Loader, (GC415M), basic unit with 540/1000 independent PTO and 16x4 dual power, 105 PTO H.P , auxiliary fuel tank-19 gallons, Ford built cab w/air conditioner, integral rops, heater/defroster, 3 speed pressurizer, two doors with locks, mud fenders, tinted glass, AM/FM stereo radio, heavy duty front axle, three spool valve, open-center, remote control valve, includes valve, six hoses and quick-couplers, ether start kit front tires-14Lx16.1, rear tires-18.4Rx38, power wheels, Ford loader, model 773-4, S/N-WI46229 with 19SM2130 bucket-78" . **$26,000.00**

#34 TW5 GC415M, S/N- C722 SOLD uxiliary Fuel Tank, Cab, Deluxe Seat & Padded Tool Box, 4W Remote Valve (3) **$25,500.00**

#35 UC415M TW15, S/N- C722766, 244 hrs , very good, basic unit with 540/1000 independent PTO, 16x4 dual power, 121 PTO H.P., front wheel drive w/limited slip differential, Ford built cab, w/air conditioner, heater/defroster, 3 speed pressurizer, Am/FM stereo radio, power adjusted rear wheels, three spool valve, open-center, remote control valve, includes valve, six hoses and quick-couplers, tractor performance monitor, rear wheel weights plus front end weights, cold start, front tires-16.9x28, rear tires-20.8x38. ..... **$32,000.00**

#36 TW25 HC415M, S/N- C716359 SOLD iliary Fuel Tank, Cab, Comfortizer Seat, Padded Tool Box, 4W Remote Valve (3) **$34,000.00**

#46 555A Tractor/Loader/Back F7113, S/N- C733689, 6x4 Trans- mission, Bostrom Seat, Fr Tires- 11Lx16. SOLD **$33,000.00**

Seasons Greetings

We extend the best of hopes for you for a warm, happy holiday.

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1760 East Canal Rd., Dover, PA. 17315-3699
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Larry's Tool Outlet
Up to 80% savings Quality name brand tools featuring Easco/KD-Tools
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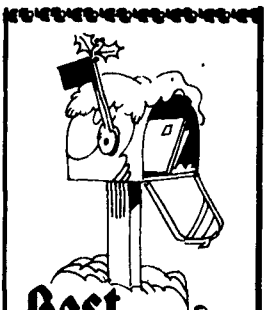
Also buy and sell used tools



Best Wishes

Here's hoping you receive many fun-filled surprises!

NH #849 Round Baler, Auto Tie, Fully Equipped, Used 1 Season
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IHC 1486 w/cab, Duals MFWD	$20,900
IHC 350 Utility w/Loader	$3,500
IHC 1066 Hydro	$10,500
Farmall Super C w/fast hitch	$1,850
JD 530 3 Pt	Coming In
JD 4400 Diesel Rotary Screen Ex Cond	Coming In
JD 2840 Excellent	$13,500
Oliver 1850 MFWD	$7,500
Oliver 1550, Dsl	Coming In
Ford 800	Coming In

COMBINES

IHC 82 Pull Type	$2,250
Gleaner K	Coming In
NI 729A Sheller Unit w/4 Row Narrow Corn Head	$6,100
NI Uni System 702 w/729A Sheller & 3R Corn Head	Coming In

FORAGE & HARVEST SPECIALS

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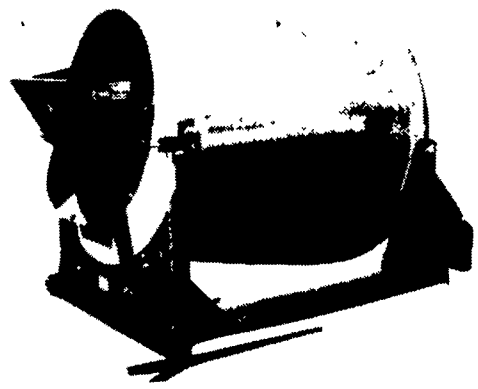

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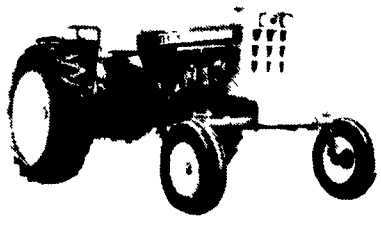

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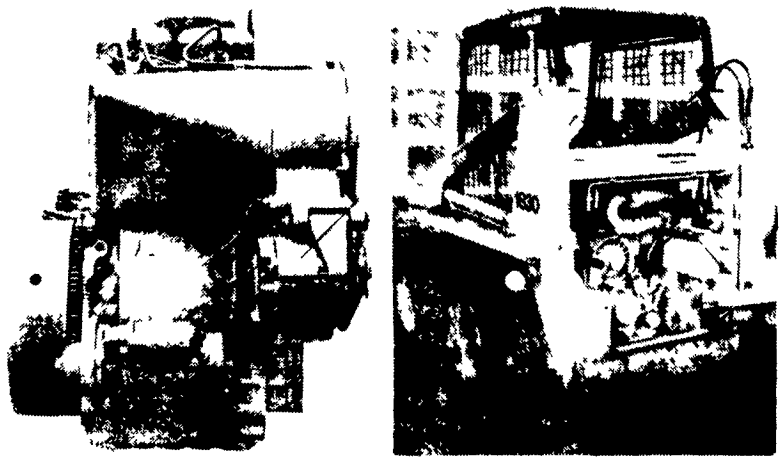

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*4066 IH 1066
5927 IH 966
5926 IH 1256
*5835 IH 986
*5739 IH 1066
*5731 IH 656
5793 Deutz DX 160
3335 JD 8630
*5784 JD 4630 w/Cab, Duals
5700 NH 778 Skid Steer Loader
3487 Steiger ST210

MISC. EQUIPMENT

4031 NI 212 Manure Spreader
3861 IH 1250 Grinder Mixer
*3773 JD 201 Trailer 32'
5484 IH 2001 Loader
5487 NH 280 Baler
3561 NH 495 Haybine
3111 Agrotec 400 Gal. 30' Sprayer
3818 NH519 Manure Spreader
3837 NI 245 Manure Spreader
3900 John Blue 1000 Gal. Sprayer

COMBINES

*4074 MF 750
*4058 AC N6
*4090 NH 1500
*3866 NH 1400
*3057 JD 7700 w/Chopper
*3058 JD 7700 w/Chopper
*5447 IH 1480
*3784 IH 1440
*3775 IH 1460
*3882 IH 915
*3983 IH 915

TILLAGE

6103 Sunflower HB Chisel Plow 27'
5277 IH 55 Chisel Plow
*3840 IH 560 Plow
*3841 IH 540 Plow
5868 IH 370 Disc 12'
3799 IH 470 Disk 14'
3805 Brillion 21' Crowfoot Packer
5615 Brillion SC-01 Filed Cultivator, 20'
3607 Brillion 32'8" Crawfoot Packer
3661 Brillion Field Cultivator, 29 shanks
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
5578 Krause 3 Bar Harrow
5561 JD 210 Disc 13'
3453 JD 5 Bot. Plow
5419 JD 22 Shank Chisel Plow
6247 J.D. 310 Disk
5121 Dunham Lehr 29' Crowfoot Packer
5534 Glencoe Soil Finisher, 20'
3301 Wilrich Field Cultivator, 37'

MOWERS

5577 Rhino 20' Flex Wing Mower
5702 NH 462 Disc Mower

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3285 Tye No-Till Drill, 20'
5713 IH 510 Drill
2763 IH 620 Tandem Full Press Drill
5786 IH 510 Drill
5765 JD 246B Drill

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IH 4500 VIBRA SHANK CULTIVATOR
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IH 475 DISK HARROW
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IH 540 MANURE SPREADER
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IH 420T Baler w/Thrower, 3K PTO #901 $2 950
1977 Case 1070D Tractor 1798 Hrs Cab w/Heat & Air Ex Condit 130 H P #5348 $15 500
IH 720 Forage Harvester w/2 Row Row Crop 6 Ft Pick Up 1000 PTO #5391 $5 900
NI 402 Rake 9 Ft 5 Bar Good Condit #5381 $850
IH 400 Cyclo Planter 6 Row 30 Dry Fert #3853 $2 800
1973 Bobcat 700 Gas Hydro Trans #3686 $5 500
IH 8 Flail Chopper 6 Ft #5253 $1 200
Ford Tandem Disk Harrow 19 62 Disks 7 7½ Spacing, #987 $2 250
Badger 1416 Forage Wagon 14 Ft Tandem 10 Ton Gear #5256 $3 500
Power King 1614 14 H P Man Trans Tractor Tread Tires #3428 $1 600
Gehl FB99 Blower 540 PTO 54 Fan #863 $1 100
1972 AC 170G Tractor 3528 Hrs 54 H P 3 Pt Hitch Wide Front #5350 $4 500
1965 IHF656G Tractor 3391 Hrs 64 H P 3 Pt Narrow Front #5015 $4 500
1949 Farmall C Tractor 22 HP Good Condition, Narrow Front #5203 $1 450
IH 710 Moldboard Plow 6F 16 Semi-Mounted Reset #5216 $1 750
IH 400 Cyclo Planter 6 Row 30 Dry Fert w/Insecticide #5934 $2 500
1975 Case 1737 Uniloader 2135 Hrs 37 H P, Gas ROPS 66 BKT, #5052 $4 000
NH 33 Flail Chopper, 5 Ft #5893 $1 700
Bush Hog 146 Disk Harrow Offset 10 Ft 24 Disks 10½ Spacing #5271 $2 950
Cub Cadet 782 17 H P Hydro Trans Hyd Lift 44 New Mower #902 $3 500
White LT 1610 16 H P Man Trans 44" Mwr #5385 $1 100
White 5400 Planter 6 Row 30 Plate Insecticide No-Till #5803 $3 500
1973 IH 574G Tractor 2020 Hrs 53 H P 3 Pt Hitch Wide Front #5338 $6 500
1961 F560D Tractor 283 Hrs 56 H P 2 Pt Narrow Front #5242 $3 900
1943 JD A Tractor 35 H P 540 P T O Narrow Front #5254 $575
Oliver 565 Plow 4F 14 w/Coulters #5895 $675
IH Cyclo 400 Planter 4 Row 38 Dry Fert w/Insecticide #5876 $1 800
1980 Case 1830 Uniloader 1201 Hrs 30 H P Gas ROPS 60 Bucket #5120 $6 500
IH 56 Blower 540 P T O 56 Fan Auger Feed Like New #990 $2 200
Bush Hog Chisel Plow 3 Pt 8 Tooth 3 Rank Two Level Gauge Wheels #5233 $675
IH Cyclo 800 Planter 4 Row 30 w/Dry Fert & Insecticide Kasco Fert Auger #5214 $7 000
1974 Case 1816 Uniloader 16 H P Gas ROPS 43 Bckt Hydro Trans #5327 $2 950
1961 F460G Tractor 5061 Hrs 45 H P 2 Pt Narrow Front Exc Cond #5263 $3 400
NI 212 Manure Spreader 120 Bu Std Chain 2 Beater #5508 $525
IH 400 Cyclo Planter 4 Row Wide Dry Fert #914 $2 500
IH 1150 Grinder Mixer #5958 $4 200
IH 830 Forage Harvest 1000 P T O 3 Row Row Crop, 72" Pick Up w Hydraulics, #882 $6 000
IH 350 Disk-Harrow, 11½ Ft 36 Solid Disks 7" Spacing Exc Cond $1 450
IH 595 Manure Spreader, 343 Cu Ft Hydraulic End Gate-Used 1 Load #201 $7 600
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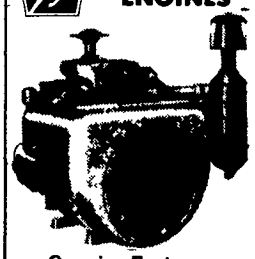

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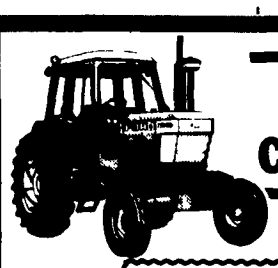

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Piak Strip 1486 Cab, Air
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JD 6620 Combine
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Ford 7000 Dsl., 8SP, High Platform
1975 IH 915 Combine
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JD 530
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NI 702 w/727 or 737 Husker
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IH 615 Combine w/C H & 10 Platform
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JD 1450 - 6 Bottom Plow
Bush Hog Disc 18'
4' PTO Mott Mower
JD 213 Grain Platform

USED COMBINES
JD 4400 Diesel

AUTOMOBILES
1978 Coupe Deville

USED TRACTORS
JD 4440 JD 4040

LAWN TRACTORS
JD 110 Tractor

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G & B Loader
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JD 2010
Case 730
Oliver 1650
AC 200
JD 4040 w/Cab
AC WD45
Case 1210 4 WD w/Loader
IH 656
MM G1000 Vista

USED COMBINES
AC M2 4 Row Head 15' Platform
AC F2
MF 300 13 ft. Platform & Cab
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JD 4840 Cab & Air Power Shift, 1600 hrs., very nice
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JD 4240 Dsl., Cab & Air, 1895 hrs., 18.4x38 Tires, very nice
JD 4230 Cab & Air, Quad Shift, 38" Rubber
JD 2940 Dsl. 1700 hrs., excellent (SOLD)
JD 4630 Cab, Air, Quad, 1977 Model, very nice
JD 4430 Dsl., Cab, Air, Quad, 1977 Model 2200 hrs.
JD 4430 Dsl., Cab & Air, QR 1974
JD 4320 Dsl. w/cab, 3300 hrs., very nice
JD 4230 dsl., Power Shift Cab & Air, 1977 Model
JD 4030 Dsl., WF, Sound Guard Body
JD 4030 Gas w/Cab, WF
JD 4020, WF, year Rd. cab, sharp
JD 3020 Dsl., Power Shift, WF
JD 3020 Tricycle
JD 2440 Dsl., Independent PTO, dual hydraulic
JD 2640 Dsl., Hi/Lo Independent PTO 38 & Rubber
JD 2630 Dsl., Independent PTO, Hi/Low, very nice
JD 2240 Dsl., nice
JD 2020 Dsl., Hi/Low
JD 1050 Dsl. 850 hrs., like new
JD 1020 Gas w/3 pt.
IH 1466 Cab & Air, 20x38 rubber, new TA
IH 966 Dsl., WF, 2700 Hrs.
IH 966 Dsl. w/Cab, 1800 hrs., very good
IH 986 Cab & Air, 18x38 Rubber, 2100 Hrs.
IH 1086 Dsl. Cab & Air, 1600 hrs., very nice
IH 886 Dsl., Cab, Air, very nice
IH 886 Dsl., 4 Post Canopy, new TA, very nice
IH 856 Dsl., WF, 38" Rubber
IH 786 Dsl., WF, 1800 hrs.
IH 826 Dsl., WF
IH 1066 Dsl. Tractor, Black Stripe Fender (SOLD)
IH 766 Dsl. Fender Tractor, 1200 hrs., excellent condition
IH 766 Dsl. w/BS, Roll Guard w/Canapy
IH 756 Dsl., WF, 3 pt., 38" Rubber
IH 666 Dsl. Tractor, WF, 3 pt., very nice
IH 666 Gas, WF, Very Good
Farmall 706 Dsl., WF, nice
Oliver 1755 dsl., WF, 2100 hrs., very good
IH Super A w/Rotary Mower and Loader
Ferguson 35 Gas, 1100 original hrs.

HAY EQUIPMENT

JD 3960 Harvester w/Elec. Controls, 2 or 3R Head, very good
JD 510 Round Baler, very good (SOLD)
JD 346 Twine Baler w/#30 Thrower
JD 346W Baler w/Thrower
JD 336 Baler w/#30 Ejector
IH 1190, 7' Haybine, very nice
NH 489 Haybine
NH 467 Haybine
NH 477 Haybine
NH 320 Baler w/Bale Turner, excellent
NH 273 Baler w/Thrower
NH 277 Baler w/Thrower, very nice
NH 845 Rd. Baler, very nice
NH #38 Flail Chopper, used 1 season, like new
NH #80 3 Pt. Rd. Bale Mover
NH 1005 Bale Wagon, single bale unloads
NH Super 1049 Self Propelled Bale Wagon, 160 Bale Capacity, very good condition
NH 1012 Bale Wagon

NEW ARRIVALS

Gehl 4300 Skid Steer Loader
New JD 327 T Baler w/40 Ejector
JD 1650 Tractor (Demo)
JD 7000, 4R Conservation planter, 200 acres, like new, '84 model
JD 7000, 4RN w/Liquid Fert.
Brillion 12' Cultimulcher
Ford 7000 Dsl. Tractor w/Cab, 1800 hrs., very nice
NI 323, 1R Corn Picker
NH 315 Baler w/Thrower
JD 2520 Gas Tractor, WF, low hrs., very good
JD 4420 Combine, 1981, 900 hrs., fully equipped, excellent cond.
NH 852 Rd. Baler w/Auto Wrap, like new
JD 2500, 5x18 Plow, Spring Reset
JD 4030 Dsl. Fender Tractor
IH 1066 Dsl. Tractor, Cab, extra nice

JD 480B Diesel, Fork Lift, 21' Mast, Side Shift, 1400 hrs., very good condition

PLOWS

IH 720, 6x18 Spring Reset On Land Plow
IH 720, 6x18 Toggle Trip Onland
IH 720, 5x18 Toggle Trip
IH 710, 7x18 Spring Reset Onland
IH 710, 5x20 Spring Reset
IH 710, 5x18 Spring Reset
IH 710, 4x16 Spring Reset
JD F145, 3, 4, and 5 Bottom Trip
JD 1450, 5 & 6 Bottom Trip
JD 2700, 5x18 Spring Reset
White 580, 5 or 6 bottom Spring Reset
White 3 bottom Spring Reset

LOADERS

Ford 4600 SU Tractor w/Loader
Ford 3400 Gas Loader Tractor w/3 pt., 1800 hrs.
MF 165 Dsl. w/Quick Tach Loader
Case 1816B Skid Loader, 500 hrs.
NH L435 Skid Loader, 610 hrs. (SOLD)

CORN PLANTERS

JD 7000, 4R, Cons., Dry Fert. & Insect.
JD 7000 4RW Dry Fert. & Insect. (SOLD)
JD 1240, 4R Plate and Plateless Dry Fert.
IH 56, 4R Dry or Liquid Fert., excellent condition

GRINDER MIXERS

JD 750 w/Long Auger
JD 700
NH 353
NH 352
Gehl 95

NEW EQUIPMENT SPECIALS

NH 316 Baler, $6,800
NH 311 Baler, $5,800
Taylorway 9' Soil Saver, $3,350

CORN HEADS

AC FG430
JD 243, 244, 343, 443, 444
IH 844, 843, 227
MF 43, 63C

DISCS

Bush Hog 18½' Hydraulic Wing Fold Disc, like new
JD AW 12'6", Very Good
JD BWF 20' Rock Flex
JD BWA 12' Disk
JD BWF 16½' Rock Flex, excellent blades

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JD 1600, 3 pt.
MF 12 Tooth 3 pt.

Trade in Special
JD 4400 Gas Combine w/13' Platform $5,950

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JD 148 Loader for 2840 & 2940 Tractors
18x38-18x34 Duals
Cabs to fit IH 706 thru 1466 Tractors
Cabs to fit JD 3010-4320 Tractors
Brillion 8' Alfalfa Seeder w/Transport, good condition
JD 4 Row RG & RM Cultivators
IH #40 Stalk Shredder, excellent condition
IH 2250 Quick Tach Loader
IH 1000 Loader for 140 or Super A, very nice
JD 3R 30" Fg. Head
NH 3RN Quick Tach Corn Head
JD 7' Direct Cut Grass Head for 3940, 3960 Harvester
JD 8300, 7x18 Double Disc Grain Drill
IH 510, 21x7 Double Disk Grain Drill

COMBINES

1980 Gleaner F2 Corn Plus, 23" Rubber, like new
1979 JD 4400 Dsl., 23" Rubber, excellent, one of a kind
1976 MF 510 Dsl., Cab, Air, 23" Rubber, excellent
1976 Gleaner FKS Dsl., Cab & Air, 13' Grain Table, very nice
1976 IH 715 Dsl., Hydro., Cab, Air, 23" Rubber, nice local trade
1975 JD 4440 Dsl., Cab & Air, 1400 hrs., excellent (SOLD)
1974 JD 4400 Dsl., Cab, Air, Choice of Heads
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JD 213 & 215 Flex Heads
IH 820, 13 & 15' Flex Heads
Corn & Soybean Chopper to fit JD 3300-4400

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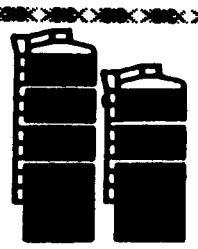

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Access Door For 20'	$90
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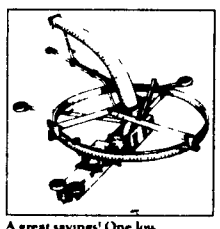
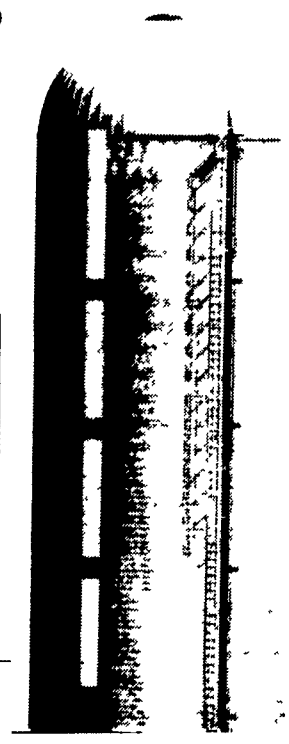
(What a package!)

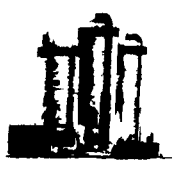
When you order a new Madison conventional silo this Fall our special package price includes a top-quality ring-drive unloader system We know you want to buy your new conventional silo at the lowest possible price We also know you want good quality That's why we're offering this special total package on the best silo money can buy – a Madison

See your Madison dealer for complete details soon And remember Madison's exclusive, patented Vibra Cor® stave and quality construction give you cooler, better feed with less heat damage and less temperature fluctuation



A great savings! One low package price on a new Madison silo complete with a top quality ring drive unloader Call us for details





HAIDIG BOTTOM UNLOADERS

STARLINE

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1070 Steinmetz Rd , Ephrata, Pa 17522 Phone 717-733-1206

Six Solid Ways To Improve Your Farm

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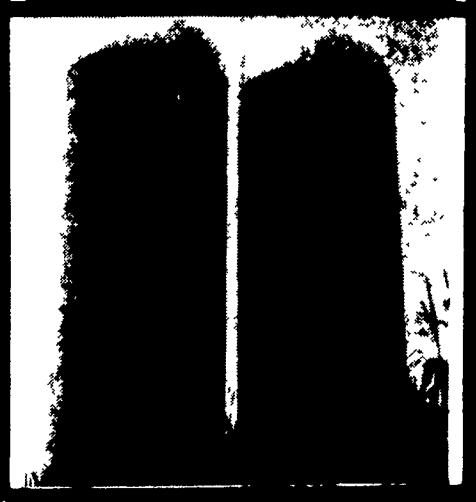

3 UPRIGHT BUNKER SILOS
- Low cost storage
- Fast installation
- Moveable

4 MANURE PITS
- Poured in place or precast concrete
- Above or below ground
- SCS approved

5 FEED BUNK
- Long lasting reinforced precast concrete
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- ☐ 3 Upright Bunker Silos
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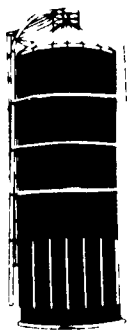
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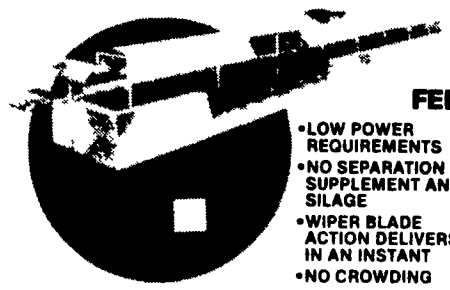
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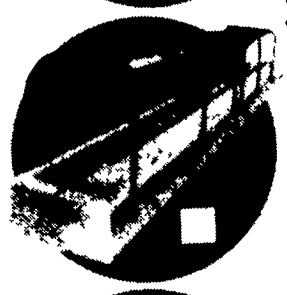
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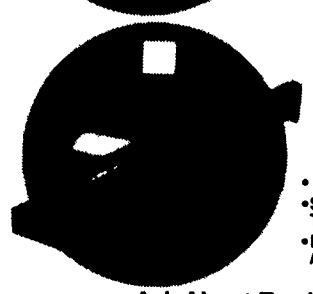
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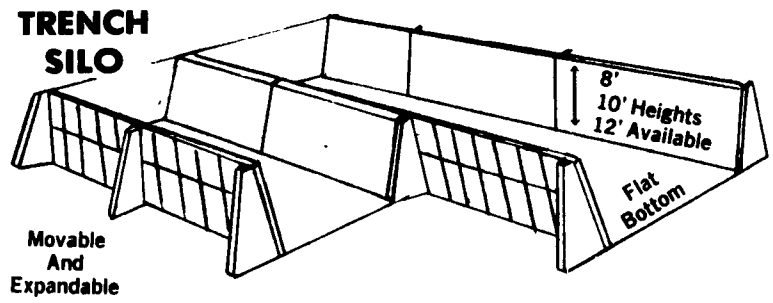

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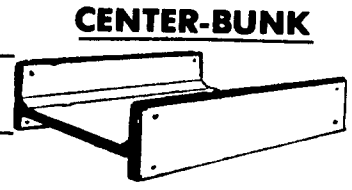

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Four 1 year old 12'x60' hopper bins, holds approx. 50 tons or 2,000 bushels ea., $2,000 ea. or all four for $7,000. Call for details, 717-637-2214.

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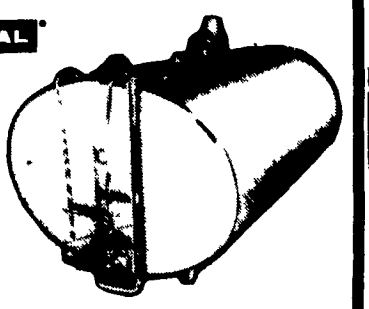

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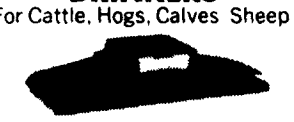

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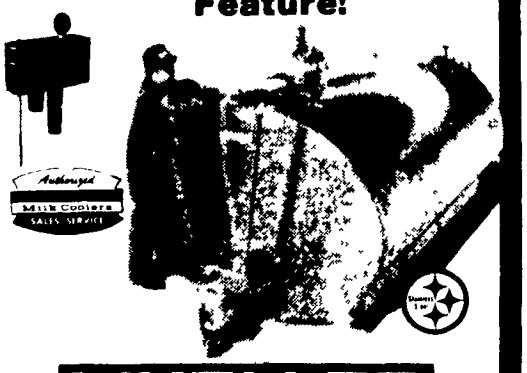

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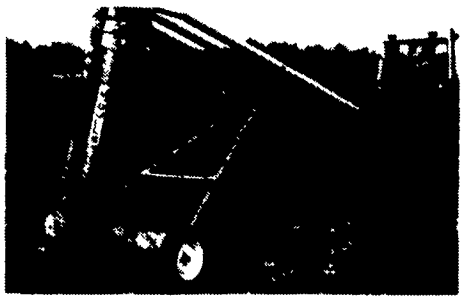

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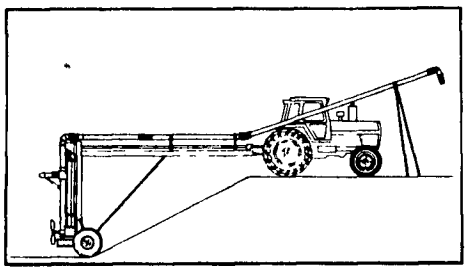

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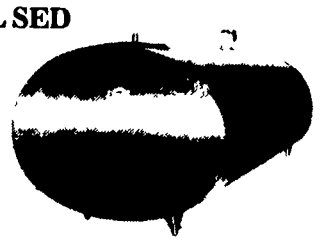

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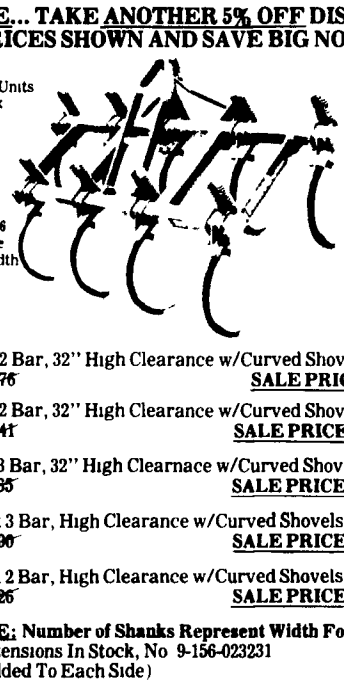

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RHINO 890 Specifications

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Effective Width	6 3	8 9	11 3	13 9	16 3
No of Coulters	11	15	19	23	27
DBHP Requirements	75	105	135	165	195
No of Wheels	100	140	180	220	260
	2	2	2	4	4

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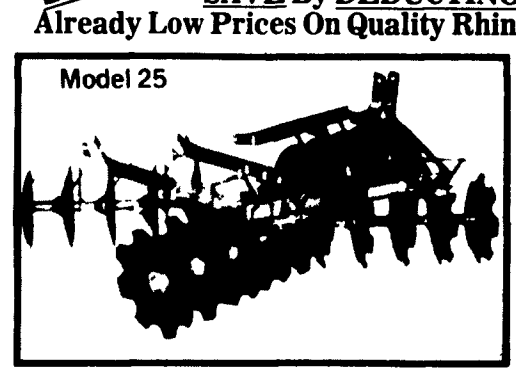

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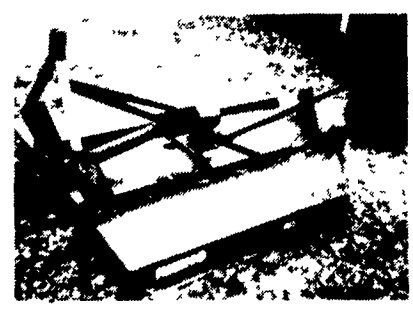

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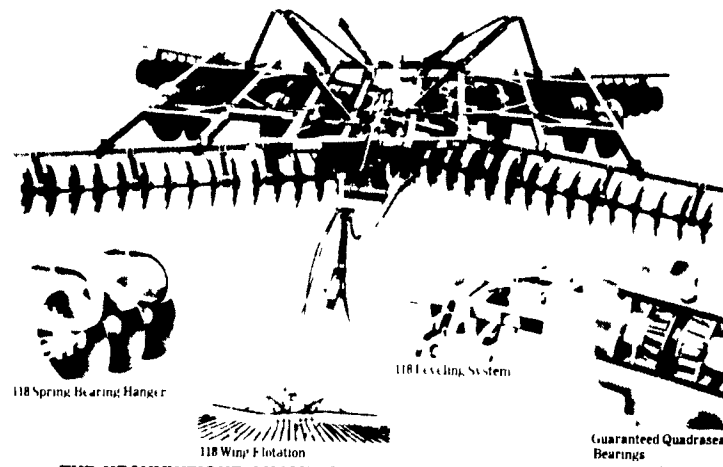

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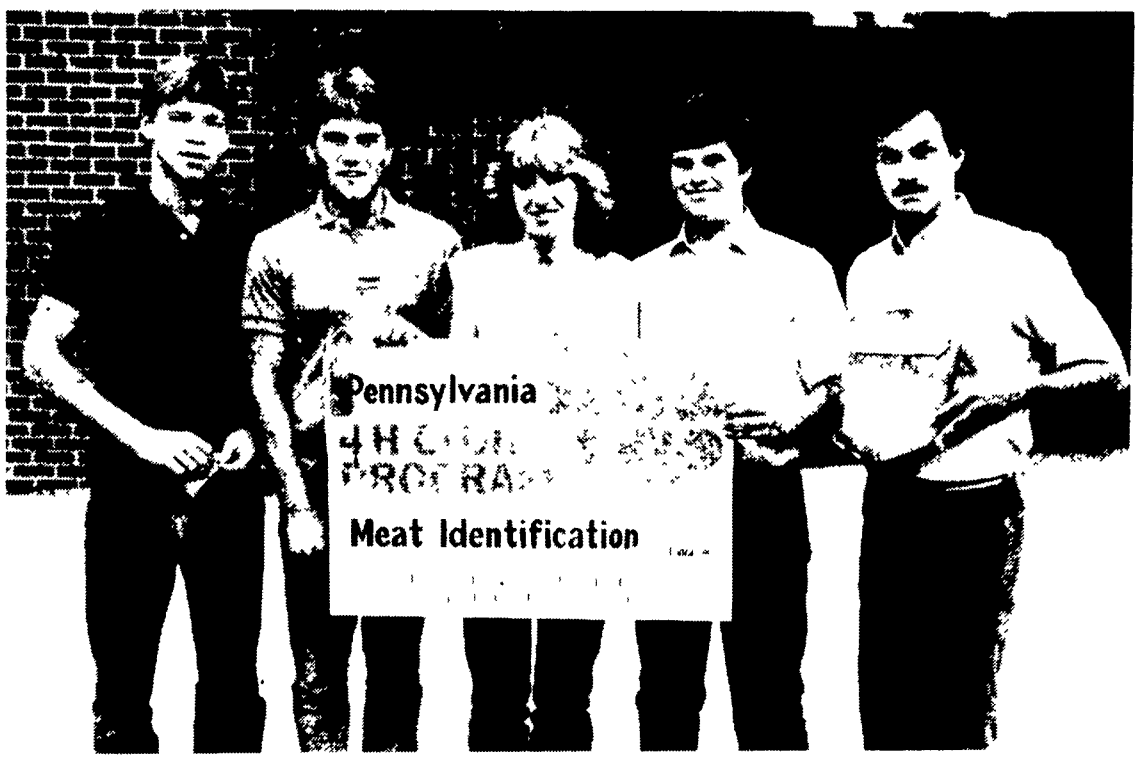


Lancaster's prize-winning 4-H Meats Team is (left) Greg Musser, Jay Reiff, Margaret Herr, Jeff Craig and coach Duff George.

Lancaster 4-H Meats Team excels

LANCASTER — The 1985 Pennsylvania State Champion 4-H meats judging and indentification team scored very well recently at the National 4-H Meats Judging Contest held in Kansas City in conjunction with the American Royal Livestock Show. The Lancaster county team consisted of Greg Musser, Elizabethtown; Margaret Herr, Narvon; Jeff Craig, Nottingham; and Jay Reiff, Lititz.

The Illinois 4-H team won this highly competitive contest, with the top five teams separated by only 17 poings out of a possible 2400. The Lancaster county 4-H team fared as follows: First, beef judging; third, pork judging, second, total judging; sixth, retail cut indentification and fifth, high team in the contest.

Individual award winners included the following: beef judging - Greg Musser, first; Jay Reiff, fifth; total judging - Greg Musser, third; overall contest - Greg Musser, fourth; Margaret Herr tenth.

Coaching the team were Duff George, PSU student summer intern in the Lancaster County Extension office; Becky Salamone, former PSU meats judging team member, presently a product specialist for Bio-Ceutic Laboratories; Chet Hughes livestock extension agent for Lancaster county and Dr. Bill Henning, PSU extension meats specialist.

After winning the State Meats Judging Contest held at Penn State last summer, these young people practiced at many meat shops and packing plants in the Lancaster area including Stonebridge Farms, Mount Joy; Groff's Meats, Elizabethtown; Willie the Butcher, Stauffers of Kissel Hill; and Kunzler and Co., Lancaster.

Livestock Ledger

By

Chester D. Hughes

Extension Livestock Specialist

Winter Care of Beef Cows

Many cow/calf producers are guilty of feeding all cows in one group through the winter and I know how easy this makes your chores. This, however, simply cannot be the best practice because cows of different ages and condition need different care.

If you consider that reproduction is the most important thing in a cow herd, you will realize the importance of separating cows bred with their second calf from the rest of the herd. In this group you may also include old cows or thin cows. Cows bred with their second calves, old cows, and thin cows are usually the ones that have the lowest reproduction rate.

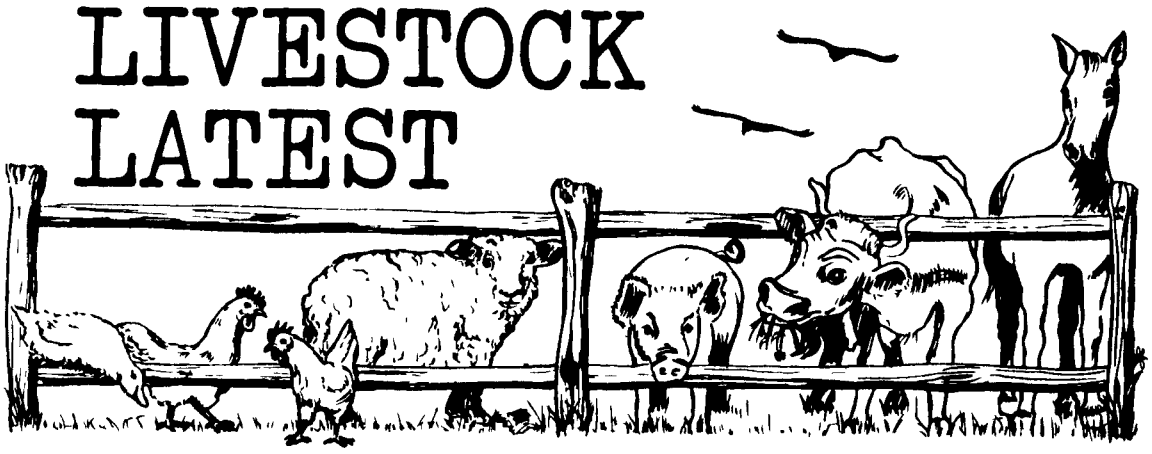
The second-calf cows are still growing, they get thin and don't cycle as early as the bulk of the cow herd. In small herds, you may even group your bred heifers with this elite group that we have already organized, although, if possible, they should be fed as a separate group.

For spring calving cows we are now into the middle third of pregnancy and nutritional needs are increasing. For the main cow herd you may use a ration consisting of 20 pounds of grass hay/head/day of about 8 percent protein along with a mineral mix. This is enough to meet their nutritional needs.

As for our elite group of old cows, thin cows, bred heifers and two-year-olds, nutritional needs are greater and the ration could consist of 16 pounds of grass hay/head/day of about 11 percent protein along with six pounds of shelled corn and mineral. If corn silage is available, feed 45 pounds/head/day along with two lbs. of shelled corn and 1.5 lbs. of 45 percent protein supplement. The main cow herd could be fed 35 pounds of corn silage/head/day to meet their needs.

Sixty days prior to calving an adjustment needs to be made in rations for both groups to compensate for increasing energy needs. Nutritionally balanced rations are the most efficient and uaually the least costly. Be careful not to over-feed, under-feed or waste feed...you cannot afford to under today's economic conditions.

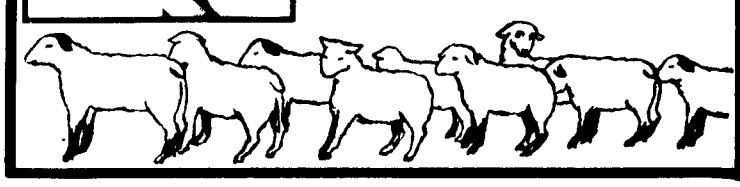
One more thing, mark New Year's Day on your calendar right now and plan to give your beef cattle, regardless of what they are, a mid-winter lice treatment on that day or very close to it. Lice are the most costly external parasite we have. Don't wait until you see lice to treat them. Treat cattle knowing that lice are there and need to be killed. Take care of your cows this holiday season!



Flock Forum

by
Clair Engle

Penn State Extension Sheep Specialist



Some Tips on Ewe Selection

What kind of ewe should I use to start my flock? Where do I get ewes? How do you go about finding answers to these two questions can have a profound impact on the future profitability of your flock. With the renewed interest in sheep and the evidence of an expanding industry it becomes particularly important that you define some specific production goals before making any snap decisions. Which commodity do I choose to capitalize on, lamb or wool, or both? What is the market potential for these commodities, and what does the market want? Answer these questions and you are well on your way of developing an economically viable interprise.

Most breeds have some good qualities but no breed is outstanding for all traits. Consider a breed's undesirable traits, as well as its good qualities. For example, a breed may gain rapidly and efficiently. However, it may also lack hardiness and livability and have some disposition problems that are not fitting to your situation.

Some caution should be taken before selecting a breed solely on its popularity. Too often this image is directly related to the degree of promotion the breed receives and is not entirely related to productivity and profit potential. Therefore, select a breed on the basis of fact, not show ring glamour and sentiment.

Following are some important economic traits of sheep that can assist you in developing your ewe flock. Three major traits come to mind: reproduction, growth, and wool quantity and quality.

Reproduction

Reproduction is a very important trait, and can be divided into several important areas.

Prolificacy is the number of lambs born per ewe, and the ability to raise lambs. Even though twinning does not have a high heritability (10 to 15 percent) a breeder can, over time, make considerable progress increasing the lambing percentage by selecting for multiple births.

Fecundity is conception rate or percentage of ewes that lamb. A numerical value for this trait is the number of lambs weaned divided by the number of ewes exposed. Weaning percent is a very significant factor affecting sheep profits. For example, with lamb at 60 cents per pound, a 10 percent change in weaning percentage would increase or decrease the gross income about 6 dollars per ewe.

Early sexual maturity of ewe lambs should be considered now that we know it is practical to breed ewe lambs at seven to nine months of age for lambing initially at 12 to 14 months rather than at 22 to 24 months. This significantly decreases the cost of producing and maintaining replacement ewes. For the "down" breeds–Hampshire, Suffolk, Shropshire, Oxford and Southdown–50 to 80 percent of the ewes exposed will produce lambs their first year. Many "wool" breeds, when crossed with a "down" breed, likewise will exhibit similar first-year lambing percentages. Finn sheep and their crosses will also reach an early sexual maturity.

Out-of-season breeding, or ewes that cycle for an extended period (August-May) during the year are desirable for improving lamb productivity. Three breeds considered strong in this trait are the Dorset, Rambouillet and Merino breeds. Ewes from these breeds can produce a proportion of fall lambs. Certainly all of our domestic breeds have a limited capability for fall lambing, however rigid breeding and selection criteria are needed in order to achieve any significant response. We should encourage more fall lambing programs (October to December) in our Pennsylvania flocks. We can do this by continuing to emphasize the importance of fall ewe and ram lamb classes at our county and state shows.

Growth

Gainability, or weight per day of age, in my opinion, is the second most important economic trait for selecting ewe replacements. A change of five pounds in the average weaning weight affects the gross return per ewe five times the price per pound. For example, when lamb is 60 cents per pound, this amounts to $3 per ewe. A lamb should be able to grow rapidly from birth to 150 days of age at a rate of 0.6 to 1.0 lb./day. An obtainable production objective for every established sheep producer should be to produce 90 pounds of lamb within 100 days.

In considering mature size, bigger is not necessarily better. Records indicate that the optimum mature ewe weight for most commercial crossbred ewes 24 to 30 months of age is between 150 and 170 pounds. It should be noted, however, that normal body weight fluctuations will occur, with a gain of 30 pounds for the gestating ewe, and a loss of 10 to 15 pounds from lambing. In other words, large mature size in a ewe is not an important trait, or even desirable.

As a thumb rule, an expected mature ram size that genetically permits a producer to maintain his established mature ewe weights, if raising his own replacements, can be established by taking the average mature ewe weight multiplied by 1.70. Example: 150 lb. ewe x 1.70 = 255 lb. ram. Terminal ram sires for lamb production must contribute, size, growth, rate, muscling, prolificacy, early sexual maturity and in preferred production systems, out-of-season breeding. Clean fleece yield, uniformity of grade and purity would be important traits for evaluating both a ram and ewe breed for wool production.

Wool

Clean wool yield or the pounds of clean wool produced is one of the more important factors in evaluating the fleece. Expressed as a scoured wool yield, it is the pounds of wool remaining after washing or scouring. Clean wool yield also is an important economic trait which genetically is both easy to alter for better or

(Turn to Page D4)

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Flock Forum

(Continued from Page D2)

worse. Grease fleece weights as affected by density and length of staple usually weigh five to 15 pounds heavier per head for most wool breeds compared to a fleece from a "down" breed.

When wool is worth as much per pound as lamb, a five pound advantage in average wool production per ewe is equivalent to five pounds additional lamb produced per ewe. At 60 cents per pound that is $3 per ewe.

Fiber quality takes into consideration two factors, wool fineness and purity. Rigid culling, breeding and selection procedures are recommended to keep fleeces free from black or brown fibers, medullated fibers and kemp. Avoid also selecting sheep with excess hairy fibers on the neck, chest and britch regions. The ewe breed most likely to excel in maximizing commercial wool production should have greater than 50 percent of her genetic relationship to some "wool" breed e.g. Columbia, Corriedale, Targhee, Romney, Rambouillet or Merino.

But Them or Raise Them?

Where do I get ewes? In other words, do I purchase replacement ewes or raise my own? After that initial purchase of breeding stock based on what it is you want to market, and you have established your desired flock size, it is generally considered good policy to close the ewe flock. The only major purchases thereafter should be for rams. This policy will minimize your health problems and allow you, with the aid of a good production record system, to upgrade flock productivity.

Some additional factors to consider in selecting ewe replacements or maintaining ewes in a closed flock are: confirmation and structural soundness, milk production, maternal instinct, lambing ease, age, longevity, and breed character.

Conformation and structural soundness is giving careful consideration to bone and muscle structure and the absence of defects particularly with the backline, mouth, feet and legs. Select ewes with good body capacity, and do not get carried away with height.

Milk producing ability is generally reflected in the number and pounds of lamb weaned.

Maternal instinct and lambing ease have low heritability values, yet within a closed flock situation any experienced sheep producer has documented evidence of exceptional mothers that have passed the same strong maternal instinct to their female progeny. Lambing ease is affected by a variety of environmental and genetic factors that, if recognized, are manageable; e.g. nutrition, health, body condition, exercise and ram influence. Selection for both these traits can have a significant influence on lamb survival.

Age of sheep selected should take into account several factors: health status, availability of production records and age price differential. Ewes under normal management conditions generally reak peak productivity at four to six years.

In starting a purebred flock, sometimes the best investment may be selecting some highly productive mature ewes. Lambing difficulties are generally minimized with older ewes and for this reason, could also be a wise choice for the inexperienced sheep producer.

Longevity refers to ewes that are capable of maintaining their health and productivity for seven to nine years or longer. Increasing this factor by one or two years is sufficient to reduce annual cost by $2 to $5 per ewe.

Maintaining breed character or factors expressing unique lamb and/or wool genetic variables certainly add breeding value to some breeds, and yet breeder integrity and accurate records are vital to this cause.

The level of accomplishment with the ewe selection process will ultimately reflect some fundamental "producer traits," 1) the presence of some defined long range production goals matched to market stands, and 2) a working knowledge of animal breeding and selection based on a comprehensive set of production records.

Equipping the broiler house

BY DAN PALMER
University of Delaware

NEWARK, Del. – Advancements in design and materials of most poultry house equipment have been very impressive. Poultry growers need to keep abreast of these improvements. This information is available from several sources.

When you build a broiler house, you establish a relationship with the grow-out company with whom you'll be contracting. This company will require certain features in the overall house design and construction, as well as the equipment inside. Though certain specifications must be met for ventilation, feeder space, waterers, brooders and the like, several manufacturers may offer suitable equipment. It will pay you to ferret out the best available.

Established growers usually have contacts with equipment dealers, while new growers depend more on the grow-out company to assist in equipment selection. Sometimes these companies become dealers for certain lines of equipment and pay commissions to their flock supervisors for each unit sold. As a grower, you may get a good price from such an arrangement, but don't expect an unbiased explanation of the alternatives by the grow-out supervisor.

When considering any new piece of equipment, talk with other growers who are already using it. Their opinion can be helpful, especially if they've been using the item in question for some time, because durability and reliability are very important qualities in poultry house equipment.

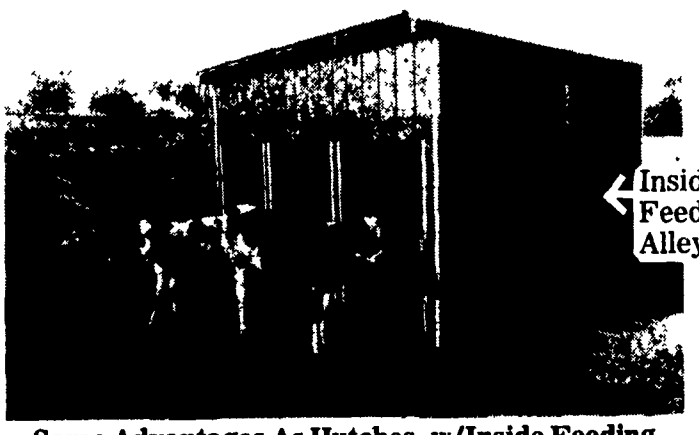
Trade magazines and farm-oriented papers are another good source of information.

Also takp advantage of ope houses featuring new poultr house construction and equipment Anyone who wants to keep up-to date should do this from time t time. Representatives from th grow-out company, equipmen company and the builder usuall will be on hand to explain o demonstrate special features.

Once you decide what equipmen to buy, find out as much as you ca about its installation. Grow-out companies working with the building contractor and the selected equipment dealer usuall coordinate installation details. It i in your best interest to understand how the job will be done and t monitor progress.

This can prevent problems later on. For example, you want to make sure a new flip-top feed tank i installed with the ladder on the proper side. If located on the feed delivery side of the tank, the truck feed boom is likely to strike the top of the ladder, damaging the ladder as well as the tank top. The ladder should go on the back side of the tank for easy access to the flip-top lid linkage, which requires occasional adjustment and replacement.

CALF KENNELS



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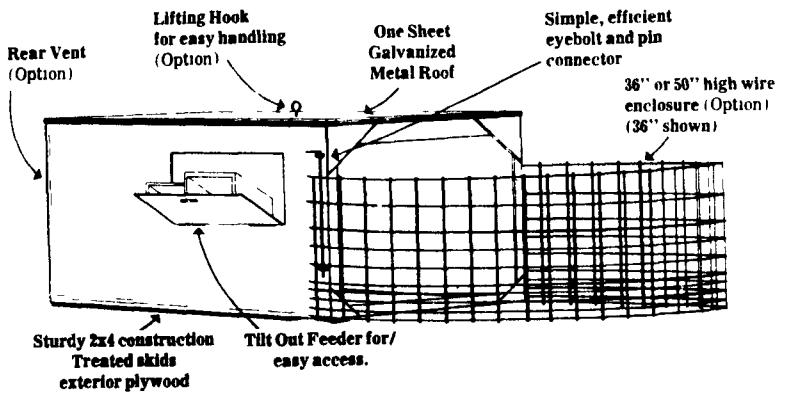

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Hearts fill with wonder and joy as we celebrate the eternal beauty of the miracle of His Birth. We rejoice this holy holiday, and reaffirm our faith in His Divine Spirit.

Let us hope His message will light the way for this generation, and the generations to come. May His blessings shine on those you love, all through the Yuletide.

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Comments sought on new federal Johne's regulations

WASHINGTON, D.C. — The U.S. Department of Agriculture is reopening the comment period on its proposal to lift federal restrictions on movement of cattle with paratuberculosis, a chronic cattle disease that can cause diarrhea and weight loss. Paratuberculosis is also known as Johne's disease.

"We want to be sure that veterinary medical associations and other groups and individuals have adequate time to respond to our proposed changes," said Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service.

The proposal was published in the Sept. 17 Federal Register; the original comment period ended Nov. 18.

"We believe that the best way to prevent the spread of paratuberculosis is by herd owners practicing good husbandry, in particular, strict sanitation," Hawkins said. "Animals in affected herds should be tested at regular intervals, and owners should participate in voluntary herd plans in their own states."

Comments on the proposal may be sent no later than Jan. 6, 1986 to Thomas O. Gessel, Regulatory Coordination Staff, Animal and Plant Health Inspection Service, USDA, Room 728, Federal Building, Hyattsville, Md. 20782. Comments should refer to Docket Number 83-106. Notice of the extention is scheduled for publication Dec. 6 in the Federal Register.

New Year's Day dinner

CHURCHTOWN — The Red Rose Alliance will hold its 4th Annual Pork and Sauerkraut Dinner on January 1, 1986, beginning at 11:00 a.m., at the Churchtown Fire Hall, Route 23, Churchtown.

Cost of the meal is: adults $5; children 4-12 years of age, $2.50; children 3 years and younger, free. Take-outs will be available — bring your own containers. Homemade scrapple will also be sold.

The Red Rose Alliance formed in June of 1981 to oppose the placement of a hazardous waste disposal site at the Narvon Mine in Lancaster County, and to educate the public of the available alternatives other than the use of landfills.

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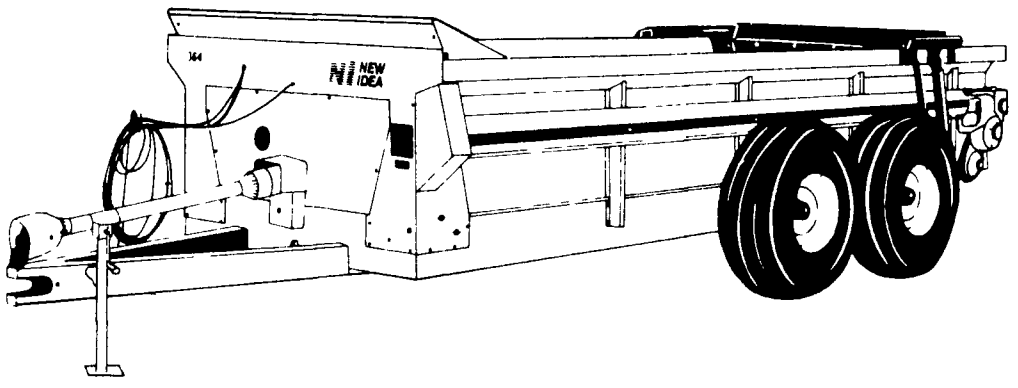

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BUSINESS NEWS...

Wainscott to head Stauffer sales

WESTPORT, CT. – Boyd Wainscott has been named executive director of sales and marketing for the Agricultural Products Division of Stauffer Chemical Company, it was announced today by Milan Turk, president of the Agricultural Products Division. Stauffer is a subsidiary of Chesebrough-Pond's Inc.

In making the announcement, Mr. Turk said, "The Agricultural Products Division is taking a fresh approach to the marketplace. We have restructured our management group and we are beginning our most aggressive selling campaign ever with improved distributor programs, pricing that reflects farmers' current needs, and promotional programs that clearly show the benefits our products offer versus the competition. To support this campaign, we have invested heavily in advertising and promotion. In short, we are committed to putting the best talent and resources available behind our new and existing products.

"Boyd Wainscott is a part of this new aggressive strategy," Mr. Turk said. "He will be responsible for both the sales and marketing of our broad line of agricultural chemical products. His strong background in selling, marketing and managing in the agricultural chemicals marketplace make him

Boyd Wainscott

an ideal match for directing this kind of operation. We are delighted to have him on our team."

Mr. Wainscott, 41, joins Stauffer from his position as worldwide marketing director of agricultural chemicals for Uniroyal. Previously, he was with Ciba-Geigy where he held various positions in sales and marketing, most recently as group product director of herbicides.

Mr. Wainscott holds a BS degree in agronomy from the University of Kentucky. He and his family reside in Cheshire, Connecticut.

Sperry guarantees program will increase net income

RISING SUN, MD – Dairymen who invest in Sperry New Holland's new Least Cost Dairy ration-balancing program are guaranteed the program will increase their net profit, according to Dori Greenleaf, computer systems specialist at Ag-Industrial Equipment Co.

"Today, dairy producers are looking to cut costs in all areas of their operations. This program helps do that so producers can boost their net income," says Greenleaf.

"We're confident enough of the program's ability to generate added income that Sperry New Holland is offering a money-back guarantee–an industry first." The program has been field-tested by dairymen.

The AG-COMMAND™ Software Series Least Cost Dairy program helps decrease feed costs and increase milk production. Sperry New Holland guarantees dairymen that their net income will increase, or they will refund the cost of the program. Guaranteed least cost dairy–add one.

"Using a least cost ration-balancing program now is a must for producers who want to be in the dairy business 5-10 years down the road," says Terry Howard, Extension Dairyman, University of Wisconsin-Madison. "Today, the dairy business is more competitive and has narrower profit margins. Balanced rations can return $50-100 more per cow per year. And by balancing rations at least cost for milking cows, as well as dry cows and heifers, dairymen can increase their efficiency and potential profit," he says.

For producers with herds of 60 or more cows, this Least Cost Dairy program is guaranteed to pay for itself in the first six months. For herds from 40 to 60 cows, the guarantee period is 9 months. The guarantee applies to dairy producers who are currently using non-computerized balanced rations. Under the guarantee, producers are allowed a 30-day minimum experience period to become familiar with the program.

The AG-COMMAND Least Cost Dairy balancing program utilizes standards established by the Dairy Science Department of the University of Wisconsin-Madison and the National Research Council. It analyzes a ration and identifies which ingredients are missing or need to be supplied in different amounts to balance the ration, based on the cost of the ingredients, for the least feeding cost.

Dairymen can choose from 231 feed ingredients in the program and enter an additional 54 ingredients.

This easy-to-use program allows producers to balance rations for different production levels and calculate a mill mix. The number of rations which can be balanced is unlimited.

This ag software program is an addition to the comprehensive ag computer product series now available at AG-COMMAND ™ Computer Centers. Sperry New Holland AG-COMMAND Computer Centers provide support and sell computers, software, supplies and training to farmers and businesses.

For a free demonstration of the Least Cost Dairy program and details of the guarantee, visit an AG-COMMAND Computer Center. For more information on the AG-COMMAND Least Cost Dairy program, see your local computer systems specialist, call 1-800-526-7843, Ext. 132, or write: Sperry New Holland, Computer Products Group, 500 Diller Ave., New Holland, PA 17557.

Anchor develops new insecticide ear tag

ST. JOSEPH, Mo. – Anchor Animal Health introduces new EAR FORCE insecticide ear tags for season-long control of face flies. Face flies are among the major carriers of pinkeye-causing bacteria among cattle.

In addition to face flies, EAR FORCE tags control other profit-robbers: non-resistant horn flies, Gulf Coast ticks and spinose ear ticks. EAR FORCE tags also aid in the control of lice, stable flies and house flies.

EAR FORCE tags are labeled for use on beef cattle and dry or lactating dairy cattle. The easy-to-use yellow tags are impregnated with 10 percent permethrin, a proven insecticide. With a strengthened wide neck, the tags will hang in the ear full season long. The tags use Allflex studs, included in the package.

Face flies irritate eyes of cattle, creating an avenue for infection. They also carry Moraxella bovis, the bacteria that cause the most serious type of pinkeye. Fortunately, face flies have not developed resistance to permethrins. Two EAR FORCE tags per animal offer up to 80 percent control of face flies.

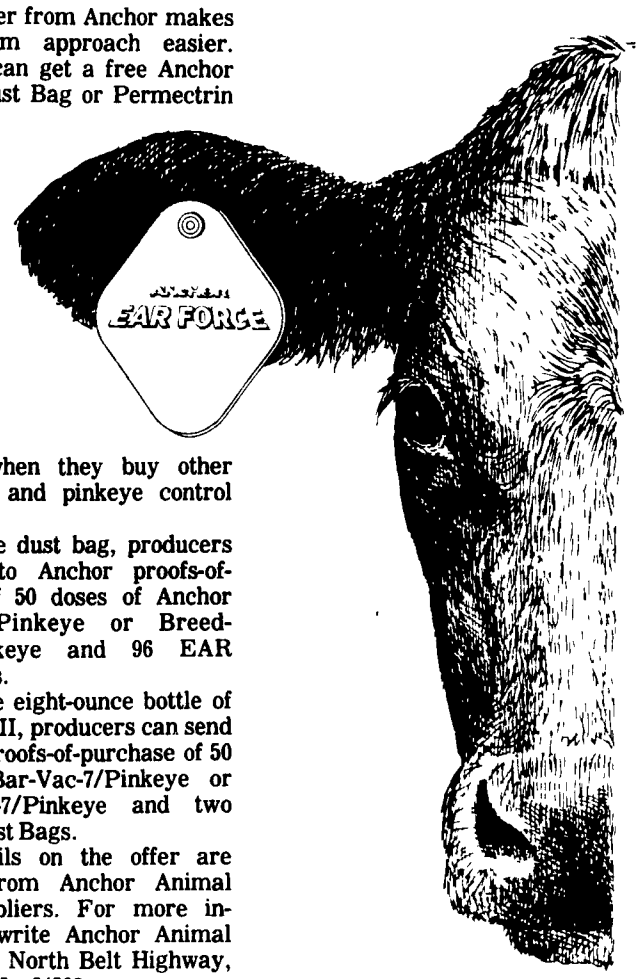
For the best defense against flies and pinkeye, insecticide tags should be only one part of a program. Vaccination of cows and calves for M. bovis will improve pinkeye prevention. Fly control can be improved with insecticide dust bags or sprays.

A free offer from Anchor makes the program approach easier. Producers can get a free Anchor Flip-Top Dust Bag or Permectrin II spray when they buy other Anchor fly and pinkeye control products.

For a free dust bag, producers can send to Anchor proofs-of-purchase of 50 doses of Anchor Bar-Vac-7/Pinkeye or Breed-Back-7/Pinkeye and 96 EAR FORCE tags.

For a free eight-ounce bottle of Permectrin II, producers can send to Anchor proofs-of-purchase of 50 doses of Bar-Vac-7/Pinkeye or Breed-Back-7/Pinkeye and two Flip-Top Dust Bags.

Full details on the offer are available from Anchor Animal Health suppliers. For more information, write Anchor Animal Health, 2621 North Belt Highway, St. Joseph, Mo. 64502.



The new EAR FORCE insecticide ear tags marketed by Anchor Animal Health.

Growers urged: know goals

Bill Griffith, expert from the Potash and Phosphate Institute, urged growers to know their system, know their resources and know their yield goals in all their crop plantings. He spoke to about 200 farmers at an educational meeting in Lancaster sponsored by Master Farmer Fertilizer and Organic Plant Food.

Dailey returns to Farm Credit post

BALTIMORE – The Farm Credit Banks of Baltimore, the area's leading agricultural lender, announces the re-election of Hugh F. Dailey to its board of directors. Elected by the Production Credit Associations, Dailey's 3-year term begings January 1, 1986.

The Virginia native is a graduate of the Virginia Polytechnic Institute and State University. A livestock farmer, Dailey owns and operates a 500-acre brood cow, feeder cattle and sheep farm in the Shenandoah Valley.

A Baltimore District board member since 1974, Dailey is a member of the Northern Virginia Livestock Producers, Frederick Farm Bureau and Southern States Winchester. He served as a member and chairman of the Central Valley (Winchester, Virginia) FLBA and PCA. Dailey also served as chairman of the Farm Credit System Long Range Planning Committee.

Fat is pork producers' biggest problem

DES MOINES, IA – Pork producers throughout the United States are losing their markets because they continue to raise fat hogs, Orville Sweet, executive director of the National Pork Producers Council, (NPPC) told employees of Farmers Hybrid, a leading producer of hybrid swine breeding stock, during the company's annual banquet held here November 2.

"The biggest problem the pork industry has today is fat," said Sweet. "It's not cost of product that is hurting demand, it's lack of confidence. If we get rid of fat we'll get our market back."

Sweet indicated that doctors throughout the country currently advise more than 60 million people in the United States who suffer hypertension, obesity, diabetes and similar health problems to avoid eating pork due to its high fat content.

Sweet believes pork producers will be able to produce lean meat if they but follow the Lean Guide to Pork Value, a system developed by NPPC to evaluate pork by carcass value.

"More people give lip service to the Pork Value System than actually believe in it," said sweet. "But if producers use it, we won't have a diet/health problem."

The NPPC is currently placing greater emphasis on finding new ways to merchandise pork products than it has in the past to encourage producers to follow the Pork Value system, said Sweet.

"We're looking for products with 20% of the calories, that are residue free, low calorie, low fat and that will satisfy the needs of diet-risk people," said Sweet. "We're on the verge of finding some interesting things."

Farmers Hybrid is a Dew Moines, Iowa-based company which produces and markets Boar Power™ and Golden Gilts™ hybrid swine breeding stock throughout the United States and Canada. Distribution is accompanied through seedstock selection centers in five states.

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During this special season, we at Farm Credit would like to say happy holidays.
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In accomplishing these objectives, we hope to make things better
for farmers and their cooperatives. We know how hard you work at what you do.
And if we've made the job easier on you, then it's all been worthwhile.
At this holiday season here's wishing you the best for the coming year,
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Flail chopper developed

AgTec Division of Ag-Chem Equipment Co., Inc. now markets a flail chopper for mulching corn stalks, soybean or cotton plants, and other growth up to 4" in diameter. The KV-320 Perfect Flail Chopper has 18 flail blades to cut, mulch or chop a 10 and a half foot swath for conservation tillage ground cover. The cutting height is adjustable from ¾" to 4¾". The blade mountings have replaceable steel bushings. The vibration free flail rotor is suspended in self-adjusting heavy duty bearings, and reaches 1900 rpm from 540 P.T.O. rpm. The rotor is connected to your tractor's P.T.O. by a flexible indirect drive. The KV-320 features a full-length rear roller with skids at both sides for easy handling in all types of terrain.

How to compare yield tests

DEKALB, IL. — About this time each year almost every seed company publishes some sort of yield trial report for the various crops they sell. Bob McCauley, Regional Agronomist for DEKALB-PFIZER GENETICS, offers advice to help farmers sort through all this material and make some meaingful decisions for their operation.

"First, try to obtain as much material that is specifically adapted to your maturity ranges as possible," says McCauley. "Information on hybrids tested far to the north or south of your maturity will be of limited use to you."

Second, select as many plots as possible that have utilized some sort of check or tester hybrid. "When several hybrids or varieties are tested in one location, without a check, site variability can play a large part in the final results," the agronomist observes. Soil type, fertility and weed control are just a few of the factors that can affect the yield of a variety. Check or tester varieties will aid locating and correcting for field variations.

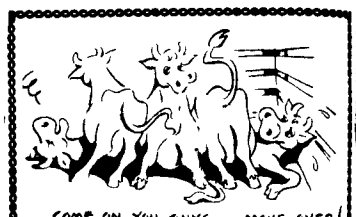
Third, pick out as many pertinent head-to-head comparisons as you can find "If you have never planted a hybrid or variety from a particular company, compare their product with something you know," the DEKALB-PFIZER official advises.

Fourth, look at more than just yield. While yield is the number one trait we all compare, there are other factors that are very important when making evaluations. Harvest moisture, test weight, planting date, irrigation, population, fertility program, herbicide and insecticide used, weed and insect infestation, stalk and root quality all affect performance and will influence how those hybrids will perform on your farm suggests McCauley.

Fifth, compare your results to the state yield trials in your area. When using state yield trials look at the Least Significant Difference (LSD) score. That value is a measure of reliability of the observed difference between two varieties within a test. Lower LSD values indicate more reliable yield trial data and suggest a smaller yield difference between two varieties is significant.

Finally, McCauley suggests to look at as many years of data as possible. Head-to-head comparisons over years can indicate a hybrid's stability of hybrid performance reliability under various growing conditions.

After spending time going through this process you should be able to narrow your selection down to a few products that will perform well on your farm under your conditions. This is a long process which can be simplified with a computer the DEKALB-PFIZER agronomist concludes. Many seed companies use computers to summarize data and can give specific information for individual conditions. Ask them for specific head-to-head information and compare results.



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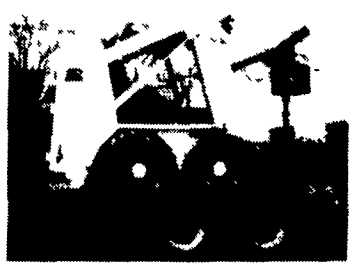
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35LR1	35 000	105 000	55	120 240	150	1	3	580	600
45LR1	45 000	135 000	70	120 240	175	1	3	670	730
55LR1	55 000	165 000	86	120 240	225	1	3	730	750
85LR1	85 000	255 000	130	120/240	350	1	3	795	860

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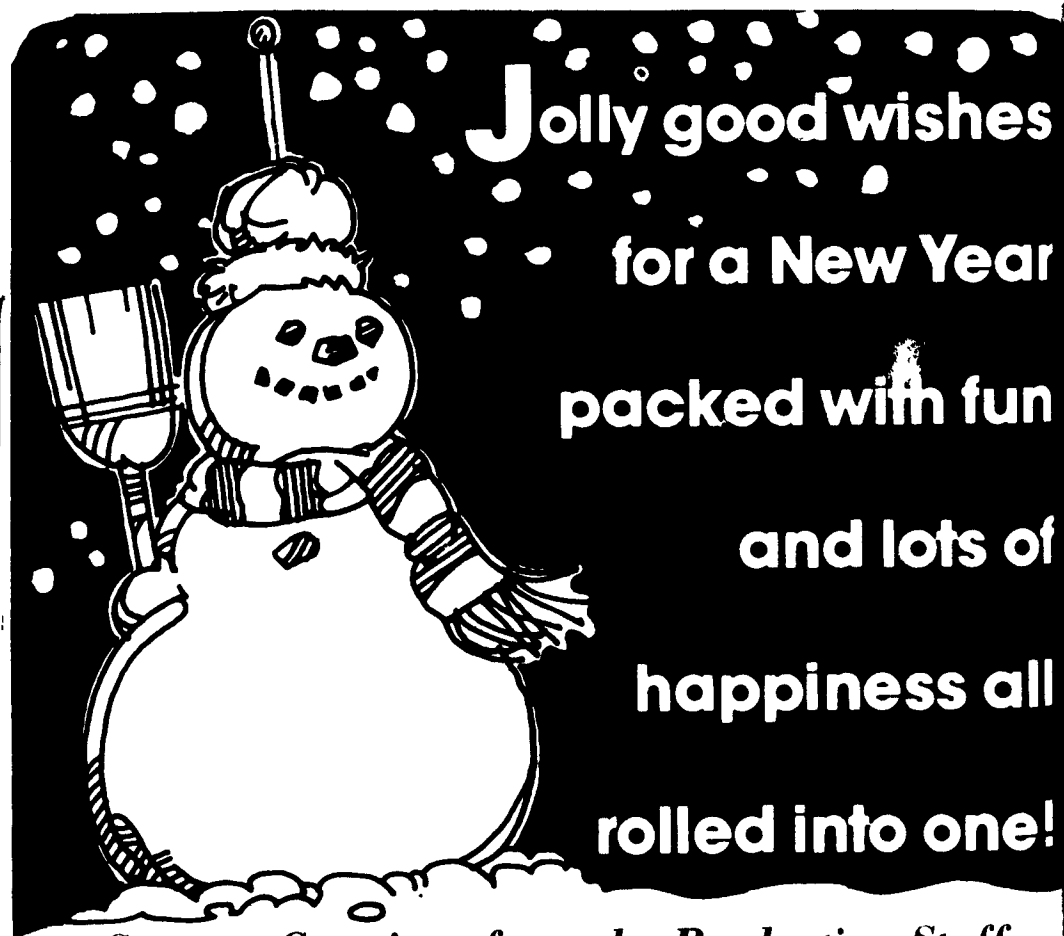


Seasons Greetings from the Production Staff of Lancaster Farming
Mike Lisa Joyce Ellen Wanda Sue Rhonda Cheryl Tara

'Orbit-Air' spreads seeds, chemicals

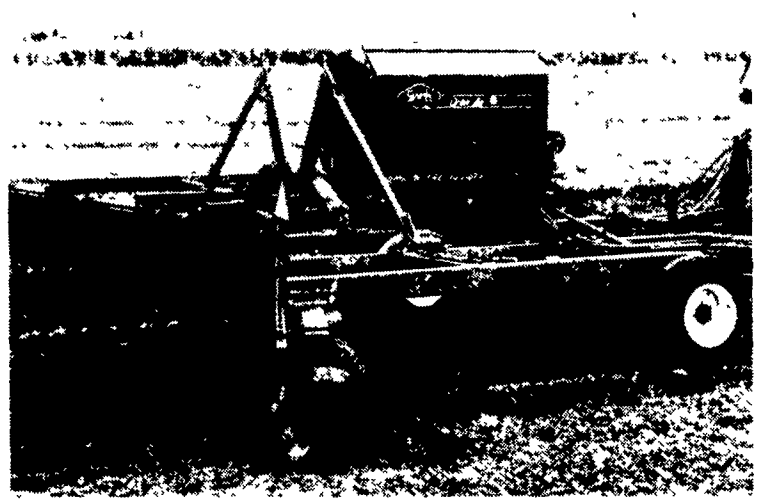
OWATONNA, MN. – Gandy Company announces "Orbit-Air," the firm's first speed-compensated application system for broadcasting fertilizer, granular chemicals or seeds–alfalfa to soybeans. The innovative metering system is capable of applying materials at rates as low as 2 lb./acre to more than 300 lb/acre.

Three sets of interchangeable metering wheels, color-coded according to material used, feed materials into separate mixing chambers and pneumatic tubes for even metering of particles across implement or boom. Metering wheels activated by a ground-wheel drive provide constant application rates, even when field speed fluctuates. Electric clutches permit operator to shut off either half of the unit or the entire width without raising ground-drive wheel. Metering wheels instantly stop and shutoff is positive.

"Orbit-Air" is available in three models–implement-mounted with granular chemical/fertilizer capacities of 1500/2100, 2200/3000 or 3000/4000 pounds, or skid-mount and trailer with 1500/2100 lb. capacity. The low-profile, weathertight hoppers feature built-in sight windows, internal screens, tuck-behind covers, and filling platforms.

Implement-mounted units are ideal for deep banding of fertilizer or surface broadcasting and incorporation of fertilizer, seeds or granular chemicals. They have a hydraulic-motor driven 4000-rpm blower to power the air system. Electric-start gas engines power blowers on the skid-mount and trailer models, which have self-stabilizing 48-foot mid-mounted booms. Both fold to 9 ft. 8 in. for transport.

For more information on the new Gandy "Orbit-Air" application system, write J.S. Woodhouse 2310 Gettysburg Rd. Camp Hill, PA 17011, or phone 717-737-0591.



Gandy Co.'s new "Orbit-Air" speed-compensated application system for broadcasting fertilizer, granular chemicals or seeds.

ABS, Holstein World sponsor award

DEFOREST, WI – American Breeders Service and Holstein World, have announced a special "Valiant" scholarship to be awarded this spring.

The winner will receive $1000 in cash and a trip to the National Holstein Convention in Milwaukee, WI. Second and third place winners will receive $600 and $400 respectively.

To enter, high school (ninth grade and above) and undergraduate college students must submit an essay of 500 words or less on the topic, "The Impact of S-W-D Valiant On Our Family's Herd." All entries must be received by February 14, 1986, and mailed to: Holstein World, Attn: Scholarship Contest, P.O. Box 288, Sandy Creek, NY 13145.

Entries must include name, address and phone number, plus the contestant's age. All entries become the property of ABS and Holstein World. Winning entries will be published in the April 25, 1986, "Valiant Issue" of the World.

Both ABS and Holstein World will contribute $1 to the scholarship for each record by a Valiant daughter over 25,000 milk, 1000 fat, or 800 protein in 365 days or less, up to a total of $2000. All sons and daughters of Valiant classified Excellent will also pull $1 from each sponsor into the fund.

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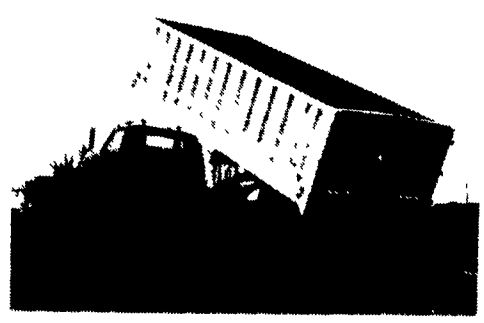

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EPA okays Ridomil use

GREENSBORO, NC. – Soybean growers who face the risk of Pythium and Phytophthora infestation now can reduce these diseases with the systemic fungicide Ridomil (2E and 5G formulations), which received a federal label November 25, 1985 from the Environmental Protection Agency (EPA).

Pythium causes damping off, reduced seedling emergence, and high seedling loss in soybeans.

It's estimated that in the Midwest alone, Phytophthora damages about 10 million acres of soybeans every year. Early symptoms of Phytophthora root and stem rot include plant wilting and yellowing. Later, Phytophthora infestation is distinguished from other soybean diseases by a chocolate brown discoloration that starts at the soil surface and continues up and around the stem for several inches.

Until now, growers could only use cultural practices and seed treatment to reduce Pythium and Phytophthora, says Dr. Walker Kirby, plant pathology extension specialist with the University of Illinois. "Crop rotation, well-drained fields, use of resistant varieties and seed treatments are all things we've suggested to keep these diseases at bay," he says.

"Ridomil is one of the most promising chemicals that growers now have to reduce Pythium and Phytophthora losses," Kirby continues. "Unlike seed treatments, which are designed to control early season diseases, Ridomil will provide virtually season-long protection. In our tests, this has meant a yield increase averaging 3 bushels per acre."

Ridomil (metalaxyl) has been tested on soybeans in over 200 university and Ciba-Geigy test plots during the past several years, according to Dr. Jack Ellis, director of biological research for Ciba-Geigy Corporation's Agricultural Division, which produces the fungicide. "Where disease was present, use of Ridomil resulted in an average yield increase of 5.1 bushels more soybeans per acre than untreated soybeans."

The Ridomil label also will allow for rotation to wheat or double crop soybeans. This means farmers who double crop to increase productivity will be able to plant wheat in the fall following the harvest of a Ridomil-treated crop.

In addition, new crop registrations include soil application of Ridomil 2E on apples, broccoli, cabbage, cauliflower, bearing citrus, head lettuce, hops, over 20 legume vegetables, peanuts, pineapple, raspberries and spinach. Soil applications of Ridomil 5G are now labeled for bearing citrus, peanuts and raspberries.

Until now, use of Ridomil 2E on fruit and vegetables was limited to avocados, non-bearing citrus and deciduous fruit and nuts in nurseries and field plantings, and tomatoes. Also, Ridomil MZ58 has been available as a foliar spray to control downy mildew in cucurbits, onions, potatoes, and tomatoes.

Corn variety resists wilt

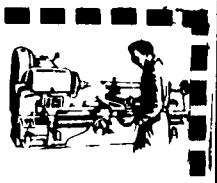
HALL, NY – SeedWay's Honey-N-Frost sweet corn has been ranked first in resistance to Stewart's Wilt for the last two years.

Trials held by the Department of Plant Pathology at the University of Illinois at Urbana-Champaign have shown Honey-N-Frost to have outstanding resistance.

Stewarts Wilt is a bacterial infection spread by flea beatles. During the 1985 growing season, Stewart's Wilt was a problem in upstate New York, New England and is commonly a problem in Pennsylvania and New Jersey. Honey-N-Frost can provide good insurance against it in the future.

Honey-N-Frost is an 84 day bi-color. Since it's introduction it has gained wide acceptance in the bi-color marketplace.

For further information on test results and variety characteristics, contact Pete Hall, SEEDWAY, INC. Hall, NY 14463 or phone 716/526-6391.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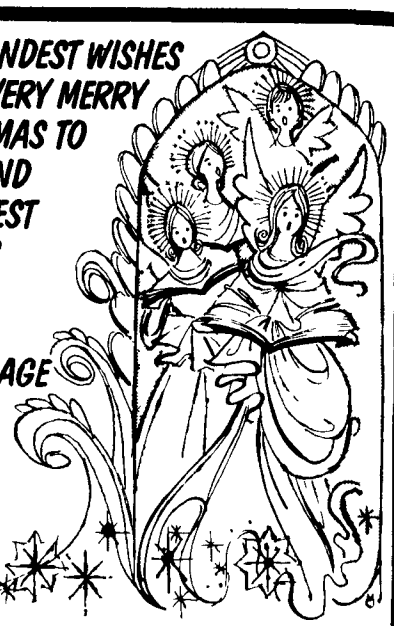

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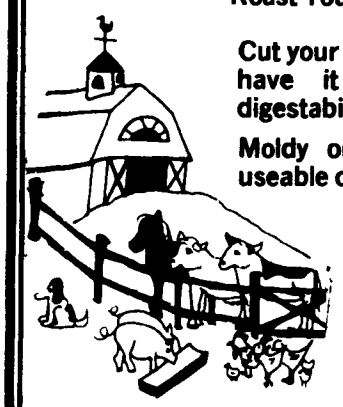

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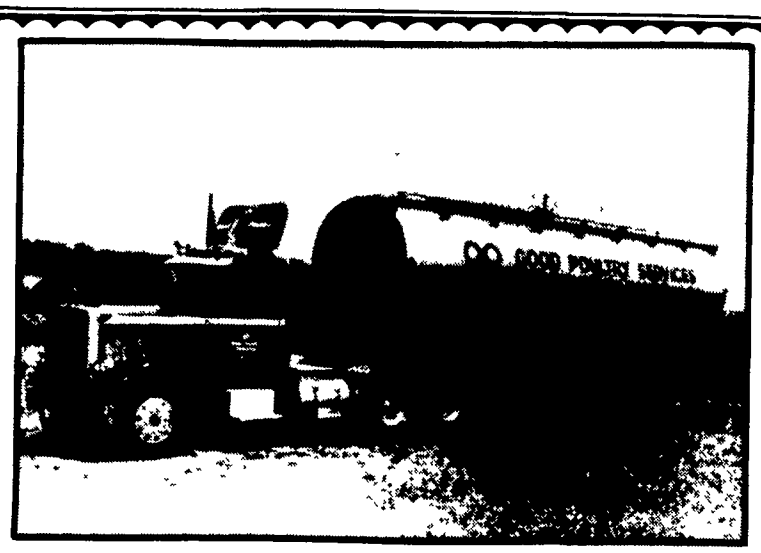

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The Christmas Season, a time of joy and sharing, is here, and we wish to extend our greetings to you.

God truly shared with us Jesus and His Spirit which brings joy especially at Christmas.

One of the great pleasures of the Holiday Season is the opportunity to exchange cordial greetings with those whose friendship and goodwill we value so highly.

In this spirit it is our pleasure to say "Thank You" and our sincere appreciation for the very pleasant association we enjoy with you.

May all the peace and joy that the Christmas Season brings be yours throughout the year.

We wish you a prosperous New Year.

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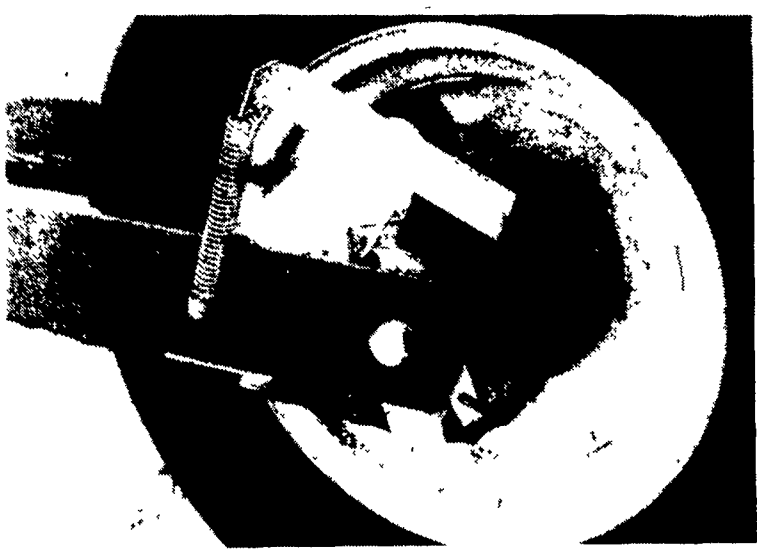


New drive-chain release

New drive-chain release for planters makes it quick and easy to remove drive chain from gear for transport between fields. And it's just as easy to flip chain release handle upward into latched position, and drive chain is engaged for planting. Chain Release kit fits all John Deere 7000 series, 4, 6, 8, and 12 row pull-type planters, including front folding and conversion planters. Manufacturer is Jackson-Lee-Pearson, Inc., P.O. Box 27, Flora, IN 46929.

High-yields common in '85

DEKALB, IL. – At the end of each growing season, farmers like to analyze the factors that contributed to final crop yields and make projections for the new year observes Bob Streit, Regional Agronomist for DEKALB-PFIZER GENETICS. "Nearly every farmer experienced exceptional crops in 1985."

Weather, fertilizer practices, varieties, insects, and crop economics all contributed to high yields. "The weather was highly favorable in most areas during the past summer," Streit said. "A warm and comparatively dry winter left the soil in perfect shape for early tillage and planting."

All yield curves display higher yields from earlier planting. With earlier planting, many growers were encouraged to plant fuller season hybrids which will usually produce more bushels the agronomist continued.

Moisture conditions were highly variable across the corn and soybean belt the DEKALB-PFIZER specialist said. "Most moisture variations were moderate rather than extreme. Many areas in the central Corn Belt were constantly on the verge of suffering moisture stress but received small increments of rain to sustain the crop for several more days. Timing, rather than the amount, of moisture seemed to be the key."

Moderate summer temperatures reduced plant moisture loss as well as the number of days of temperature stress. Many irrigators on the Central Plains were able to keep ahead of crop needs or even to shut down periodically Streit added.

Fertilizer practices and amounts contributed to 1985 crop yields. "Many growers followed soil tests to determine which fields would give the most payback to fertilizer dollars spent and followed a priority program," the agronomist continued.

Droughty conditions in southern areas in 1983 and 1984 allowed a buildup of available nutrients that the 1985 crop was able to utilize. Warm springtime temperatures led to a high quantity of organic matter nitrogen release which, together with the applied amount, was efficiently converted into bushels.

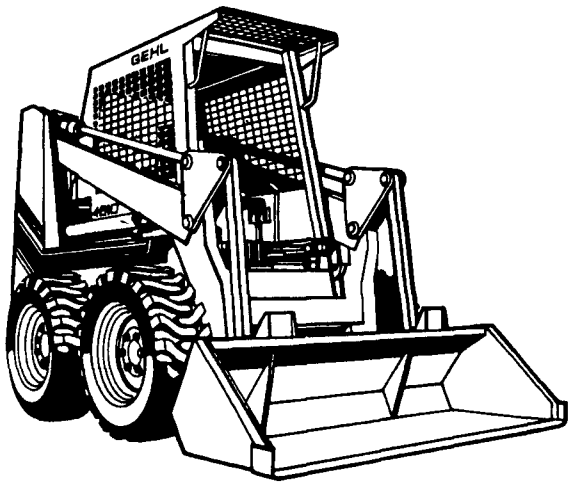
Insect problems this summer were also reduced from other years. "Early season cutworm and midseason rootworm problems were the main items noticed on corn," Streit said. "Bean leaf beetle problems were reported in isolated soybean areas as were greenbug problems on sorghum."

Contributing to higher yields was the developing tendency of growers to commit a higher percentage of their acres to newly released, higher yielding varieties shortly after their release. "Normally they take a wait and see position for several years," he continued. "They are depending on private company tests or Extension Service trials to screen for the top varieties."

Current economics call for them to try to maximize the return from every acre, so if a corn hybrid is superior they want to plant a lot of it as soon as possible Streit observes. A soybean or sorghum variety that combined top yield potential with top agronomic traits was quickly accepted by farmers.

Looking towards the 1986 season means looking toward the unexpected again. The agronomist believes the move to reduced tillage will continue as farmers try to cut costs and reduce erosion. "Maximizing yields will still be the prime motive of growers as they try to cut their cost per bushel of production."

Totally New!!



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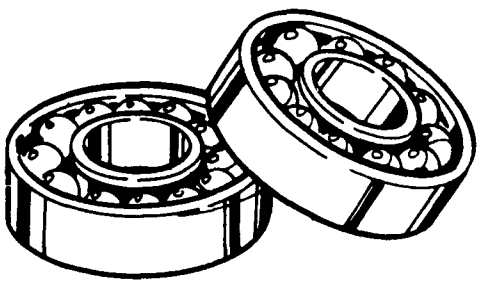

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Forage Blowers—FB99/1540/1580
Round Balers—RB1450/1460/1850/1860
Bale Handler—BH1500
Disc Mower Conditioners—DC2230/2350
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Cargill seeks consistency in its new corn hybrids

MINNEAPOLIS, MN – Consistent hybrid performance probably is the most important factor when deciding what hybrids to plant next season, according to Dr. Jack Carlson, agronomy services manager for Cargill Seeds.

He said consistency also is key to a successful research program.

"Consistent yield is the most important factor, but we look for consistency at all levels," said Carlson. "That means we take detailed notes on plant emergence, population density, ear height, plant height, appearance, stalk quality, moisture, lodging and broken stalks. We evaluate over 6,000 experimental hybrids at 10 U.S. research stations and at 104 on-farm company test sites every year. Less than one percent of the hybrids that we evaluate are released for farmers to plant."

After each growing season, statistics on each experimental hybrid are carefully analyzed with the assistance of computers. This allows Cargill researchers to combine and evaluate hundreds of performance ratings from a large number of test sites.

"Hybrids must prove themselves for at least three years before they are considered for broad-scale use," says Carlson. "As farmers are well aware, hybrids that appear as yield leaders one year may not be in the top position the next year. Such hybrids are selected out and may eventually be dropped from the program," Carlson said.

A system called PEP or Product Evaluation Program is used to evaluate hybrids on farms, said Carlson. The system adjusts for field variability and compares Cargill hybrids with other hybrids. About 250 PEP plots were planted throughout the country in 1985.

"PEP allows farmers to determine how our hybrids perform in relation to competitive hybrids across different soil types, moisture, temperature and stress conditions. Performance can be evaluated at various population and fertility levels and factors like drydown and standability can be recorded," Carlson said.

Surflan addition aids weed control

INDIANAPOLIS, IN. – New herbicide tank mix combinations of Surflan plus Lasso Micro-Tech have been registered with the EPA for more effective weed control in soybeans. Sencor or Lexone also may be added for a three-way combination.

Combining Surflan, Lasso and Sencor/Lexone not only provides a broader weed control spectrum than any of the products alone, it also allows using reduced rates of each of the products, which can lower costs. Weed control with the combinations may be sufficiently improved to reduce or eliminate the need for expensive postemergence treatments.

When liquid Surflan AS is used with Lasso, only the Lasso Micro-Tech formulation must be used. Sencor or Lexone may be added to any registered Surflan/Lasso mixture.

In addition to the annual grass and broadleaf weeds on the Surflan label, combinations with Lasso also suppress or partially control velvetleaf, smartweed, nightshade, morningglory and other problem weeds. Adding Sencor or Lexone extends this list to include cocklebur and giant ragweed.

Broadcast rates per acre are as follows:

Soil Texture	SURFLAN AS Liquid	LASSO MICRO TECH
Coarse	1 qt	1 – 2 qts
Medium	1 qt	2 – 2½ qts
Fine	1 – ¾ qt	2 – 3 qts

Do not use Lasso 4EC with Surflan AS

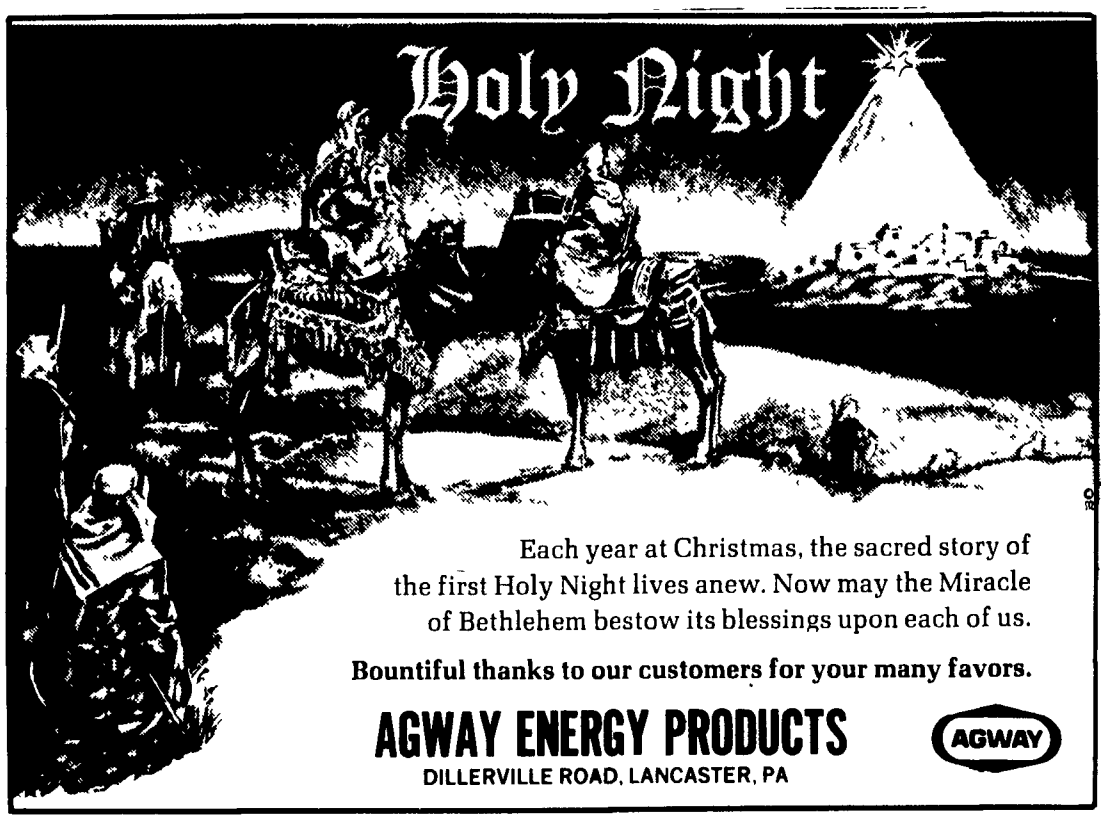
Sencor 4 or Lexone 4L may be added to Surflan/Lasso combinations at the following rates·

Soil Texture	Lexone 4L or Sencor 4	or	Lexone Dry Flowable or Sencor Dry Flowable
Coarse	½ – 1 pt		½ – 1 lb
Medium	½ – ¾ pt		½ lb
Fine	¾ – 1 pt		½ lb

Check the label for complete directions and precautions.

New bumper for pickups

M & W Gear Company, Gibson City, IL introduces the new M & W Doubl'-Cush'n Econo-Bumper for pickup trucks. Two spring-cushioned cylinders mount the bumper to the truck frame so the under-bed mounted spare tire can remain in place. Each cylinder uses two different sizes of springs. Two light duty springs dampen shocks from light loads while two larger springs absorb jolts when heavier loads compress the smaller springs. This results in a more comfortable ride for the truck passengers whether the wagon or trailer being pulled is empty or loaded. The M & W Doubl'-Cush'n Econo-Bumper features a built-in mud shield, non-skid strips on the top surface, license plate mounting holes and a license plate lamp which also illuminates the hitch at night.



Each year at Christmas, the sacred story of the first Holy Night lives anew. Now may the Miracle of Bethlehem bestow its blessings upon each of us.

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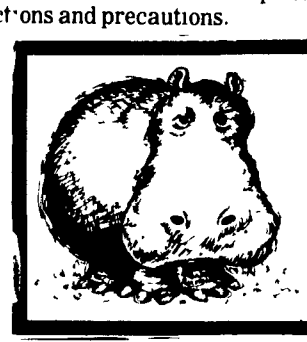

GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

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'Protectionism' could hurt U.S. farmers

ITHACA. NY — Congressional efforts to protect U.S. industries from foreign competition could backfire on American farmers, particularly those in the Midwest, two Cornell University agricultural economists are warning.

Kenneth L. Robinson and David Blandford agree that major grain and soybean importing countries such as Japan, Korea, and Taiwan, as well as the European Economic Community, probably would retaliate against strong U.S. trade protectionist measures by importing more agricultural products from competing exporters, such as Canada, Argentina, Australia, and Brazil.

Robinson and Blandford are members of the faculty of the New York State College of Agriculture and Life Sciences at Cornell.

"We would like to reduce our trade deficit with Japan and other countries," Robinson says. "However, if other countries retaliate against us, this could pose a major problem for our farmers."

Countries such as Japan, Taiwan, and Korea now account for a substantial volume of agricultural exports. Japan alone is the biggest customer for U.S. agricultural products.

When it convened for its fall session this year, Congress faced more than 500 bills dealing with trade protection. Trade protection measures that are being considered are varied; they include the imposition of stiff import tariffs or quotas, export subsidies, and new health or labeling standards, among other measures. To date, no strong protection measures have been enacted because of opposition from the White House.

Many people argue that proposed protection measures would give embattled American industries a boost, Blandford points out. Such measures, however, could trigger foreign retaliation, much like the "trade wars" of the 1930s.

One of the principal targets of the trade protectionist movement is Japan, whose $37 billion trade surplus with the U.S. in 1984 was the largest among the U.S. trading partners.

In 1984, for example, Japan bought $6.8 billion worth of U.S. agricultural goods, representing 18 percent of this nation's agricultural export market. A boycott of U.S. agricultural products by Japan alone would have a major impact on American farmers, Blandford says.

Both Blandford and Robinson agree that the effectiveness of a boycott of U.S. agricultural products depends on the availability of similar products from other exporters.

"It depends on whether or not adequate supplies are available from competing grain exporting countries, and I think there are," Robinson says.

If such a retaliation did take place, farmers in regions such as the Midwest and South would be hurt the most, because these regions produce the bulk of American agricultural export products, such as grains, soybeans, and cotton, Robinson explains.

In regions such as the Northeast, farmers would not be hit as hard because only a small proportion of their production is exported, Robinson says. New York farmers, for example, are major producers of dairy products, vegetables, and fruits.

"Agriculture in New York State is less export-oriented, so it's less vulnerable to protectionist measures than crops in the South or Midwest," Robinson notes.

U.S. grain is already being displaced in the world market by exports from other countries, whose agricultural outputs are increasing as they adopt modern farming technologies.

"We're losing our share of the world grain markets," Robinson points out.

For example, in 1979, U.S. grain accounted for about 59 percent of the world market. In 1982, that market share dropped to 42 percent, and is expected to drop below 40 percent in 1985-1986, according to Robinson.

At the same time, grain production in other countries has increased dramatically in recent years.

"The European Economic Community has more wheat than they know what to do with," Robinson notes. "As a result, they are cutting prices on world markets. And of course, the strong U.S. dollar makes our commodities more expensive than those from other countries."

Both Blandford and Robinson doubt that strong protectionist measures in Congress will ever appear on the law books, because President Reagan has vowed to veto them.

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Dr. Robert McClanahan, an entomologist there, tested over 60 varieties for three years. Burgundy Delight averaged 496 completely clean ears per 500 harvested during this three year period.

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For further information on test results and variety characteristics, contact Pete Hall, SEEDWAY, INC., Hall, NY 14463 or phone 716/526-6391.

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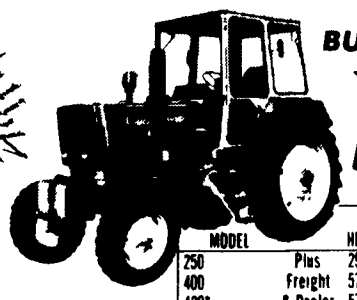

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800		85	$16 635 00	$12 995
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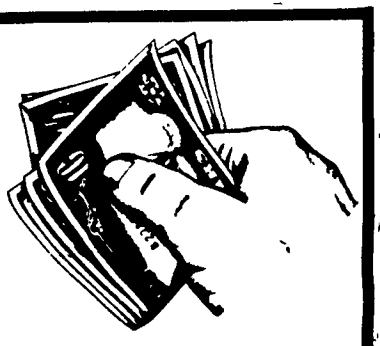

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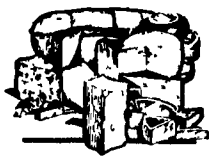

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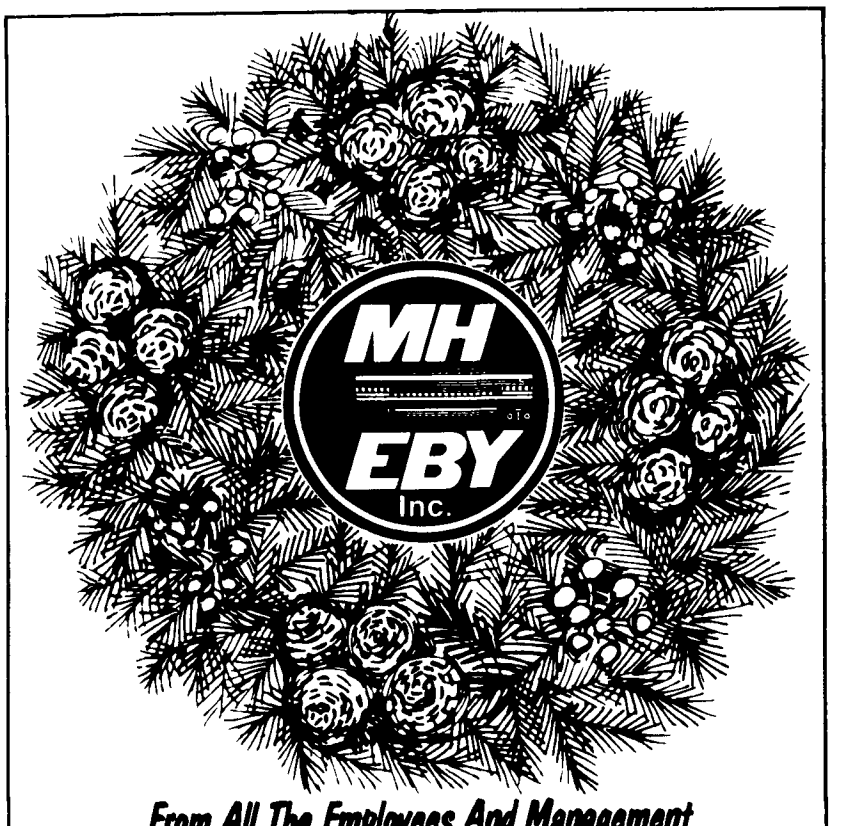

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dhia
Pennsylvania Dairy Herd Improvement Association

Bedford County DHIA Report

BEDFORD COUNTY DHIA
September 1985

Owner Name or No.	Brd.	Age	Days In Milk	Lbs. Milk	% Fat	Lbs Fat
Cove Crest Farms	3	6	5 9	89 6	10,910	766
K&D Farm	3	5	5 4	90 1	18,995	757
Edward A Deputy	B3	14	9 9	90 1	20,254	748
J Allen Baker	3	12	3 9	88 8	19,880	727
Luther & Phil Steele	B3	7	1 3	88 2	18,121	710
Robert Sqartzwelder	B3	5	3 4	86 8	18,989	709
Paul I Detwiler	3	10	5 4	91 2	17,675	704
David O'Neal	B3	5	2 0	84 5	18,497	697
Paul & David Helsel	G3	9	6 4	90 4	18,518	689
Pa-Riss Holsteins	B3	2	8 9	88 7	18,357	688
PaulDen	3	7	7 9	91 0	18,254	682
Clarence & Ken Mowry	3	18	9 9	90 4	20,051	682
Andy T Mohr	B3	5	7 7	90 2	19,322	681
Blair Brooke	3	4	7 2	93 4	19,582	681
Allen Claar	B3	5	6 4	85 8	18,529	680
Greg & Betty Shaffer	B3	3	8 8	90 2	17,228	677
He-An-HaFarm	B8	7	2 8	84 6	16,927	676
Daniel Smith	3	5	9 5	87 3	16,931	674
Obie Snider	3	15	7 9	83 8	17,416	668
Roger R Brumbaugh	B3	4	2 3	85 3	18,502	666
Sunny Four Farm	B3	7	3 9	86 7	18,215	658
Kim Karns	B3	4	9 5	89 6	18,008	655
Bernard Snider	B3	1	5 8	92 5	16,879	653
Raymond R Yoder&Sons	3	6	9 2	85 7	18,681	652
Jerry L Hershberger	B3	10	4 7	87 6	18,014	651
Paul Steve Ritchey	3	6	8 9	86 0	17,158	651

The following cows completed 305 Day Lactation with 800 lbs. or more of butterfat in third quarter 1985:

Cove Crest Farms				
Lynn	3	4 5	23,287	863
Obie Snider				
Daphne	3	5 3	21,445	828
Marie	3	3 7	24,335	865
John J Rissler				
20	3	5-1	24,963	840
K&D Farm				
Betsy41	3	5 5	18,235	850
Clarence & Ken Mowry				
Fury	3	3 9	19,298	811
Jack E Colledge				
Sadie65	3	6-2	22,482	815
He-An-HA Farm				
Giant	3	5-10	20,063	817
PaulDen				
Julee16	3	3 0	21,873	802
Springton Manor Farm				
50	3	7 0	18,826	832
Edward L Creps				
April	3	6 2	20,691	812
Edward A Deputy				
71	3	5-5	21,874	875
13	3	4 3	23,849	877
138	3	3 5	19,290	863
Chet & George Erb				
4	3	5 11	19,014	832
Andy T Mohr				
Mindy	3	5 7	23,730	883
Robert Swartzwelder				
110	3	8 7	25,169	930
39	3	5 10	26,375	868
Ray W Hinish				
75	3	5 0	20,568	911
Nora 97	3	4-1	21,203	828
185	3	3 3	18,672	835
Ch & Ross Hershberger				
Damaris	3	8 8	20,099	879
Crystna	3	6 8	22,256.	831
Clarence Reasy Jr				
Pat	3	6 0	18,614	846
David O'Neal				
Janice	3	5 7	20 731	885
SP-Farm Tweet Snider				
Jewel	3	9 4	22,639	840
Paul I Detwiler				
67	3	8 0	17,826	822
Donald Bowser				
269	3	5 6	23,519	1047
Ritchey Hilltop Farm				
Bell	3	7 9	21,689	808
Russell Wyles				
Barb	3	5 2	18,833	815
Luther & Phil Steele				
Trisha	3	3-9	21,699	853
Cove Crest Farms				
Star	3	8 10	23,545	1036
Obie Snider				
Dale	3	8 9	25,033	932
Melody	3	5 0	19,318	806
K&D Farm				
Jean58	3	4 10	22,787	853
Chery 53	3	5 1	18,816	828
R Clair & Alan Koontz				
Mim	3	3 10	22,557	854
Gatesway Farms				
174	3	3-5	19 045	847
Jerry L Hershberger				
70	3	5 5	23,883	853
Clarence & Ken Mowry				
Kate	3	6 2	25,974	877
Fury	3	3 9	19,298	811
Jack E Colledge				
224	3	4 5	22,007	915
232	3	3-0	19,475	846
252	3	3-9	20,866	862
He An-Ha Farm				
Bunny	3	4-3	23,093	969
Paul Den				
Fancy68	3	4-3	25,689	996
Garmandale Farm				
S Heart	3	7-8	22,227	962
Edward A Deputy				
62	3	4-3	23,249	954
136	3	3 4	20,813	806
Andy T Mohr				
G 161	3	4 11	23,683	877
Ch & Ross Hershberger				
185	3	3 11	20,784	872
Paul & David Helsel				
95	3	6 2	26,580	972
221	3	3 5	17,902	839
Landon Henry				
125	3	3 10	25,295	858
Raymond R Yoder & Sons				
Squirel	3	7-9	19,900	862
H&H Farm				
73	3	4 11	15,992	805
Paul I Detwiler				
166	3	4 5	20,074	819
Donald Bowser				
310	3	3 1	19,820	848
James Eshelman				
425	3	4 11	20,265	832
J Allen Baker				
Eran	3	8 1	22,607	920
Orrand	3	5 10	22,959	962
Syria	3	3-8	26,827	916
Dana	3	3 7	24,178	855
Janie	3	3 1	22,479	872

(Turn to Page D16)

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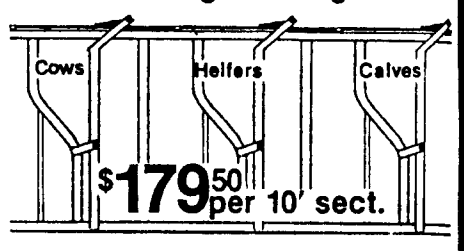

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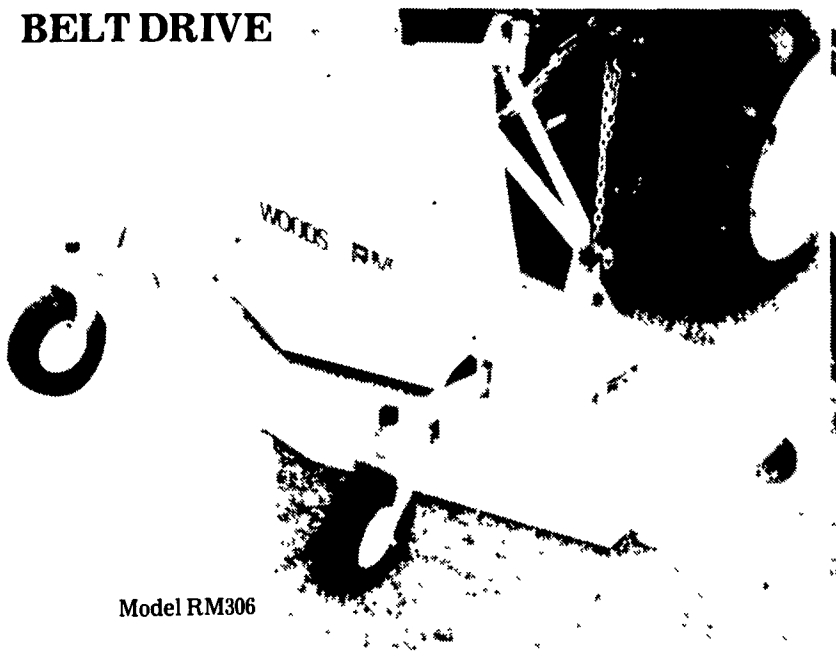

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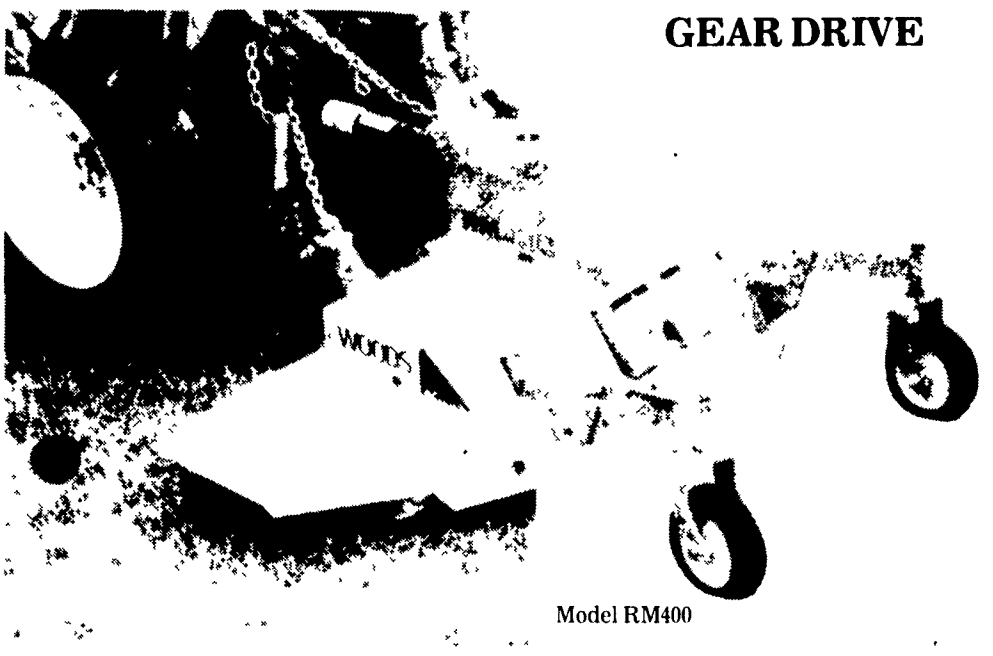

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Luther & Phil Steele				
Delta	3	6 2	21,450	824
Ethel	3	5 5	21,490	885
Ronda	3	4 10	20,219	907
Millie	3	4 2	19,093	869
Iva	3	3 3	18,057	831
Cove Crest Farms				
Mandy	3	3 10	24,503	885
Tammy	3	3 2	20,887	821
Samy	3	3 4	23,166	818
Obie Snider				
Boot	3	5 7	24,861	1094
Louise	3	3 2	22 814	839
K&D Farm				
Jolie	3	6 1	22 640	854
Donte 50	3	5 0	25,250	912
Zinnia	3	4 3	21 199	811
Bobbi 68	3	4 4	21,357	900
Dusty 65	3	4 5	24,370	984
R Clair & Alan Koontz				
Abby	3	9-0	20,480	847
Gay	3	5 2	21 333	884
Jerry Hershberger				
84	3	4 9	21,860	821
23	3	3-3	21,848	944
Clarence & Ken Mowry				
Belle	3	4 5	30 558	928
Jack E Colledge				
Coni 193	3	5 11	26,536	805
Joie 195	3	5 4	19,823	809
199	3	5 2	22,774	927
228	3	4 1	23 429	861
240	3	3 6	20,412	805
Blair Brooke				
Jo Jo	3	4 1	22,680	810
Izz	3	4-8	23,277	859
Valeen	3	4 0	21,235	847
Paul Den				
Flash 55	3	8 0	25 846	924
Garmandale Farm				
Lady	3	4 0	20 405	808
Dick & Eleanor Rice				
167	3	4 6	22 236	830
Edward A Deputy				
41	3	6-9	20,561	804
108	3	4 0	18 631	820
Allen Claar				
Maggie	3	4-2	20 716	827
Tessie	3	3 4	17 251	857
Daniel Smith				
141	3	4 3	21 134	871
Robert Swartzwelder				
74	3	10 2	23 974	852
Denton Clark				
Marie	3	3 4	21 432	825
Ray W Hinish				
Nell 80	3	5-3	17 825	823
Roger R Brumbaugh				
Snoflak	3	6 2	22 331	900
Pa-Riss Holsteins				
29	3	4-6	24,940	1024
31	3	4-4	20,505	834
Ronald M Dively				
54	3	3 1	19,736	832
Clarence Reasy Jr				
149	3	9 4	18,377	828
Paul & David Helsel				
7	3	6 11	19,652	871
David H O'Neal				
Robbie	3	5 11	21 635	958
Hilda	3	3 8	21,205	817
Raymond R Yoder & Sons				
Birdena	3	4 3	22,123	868
Sp Farm Tweet Snider				
Beth	3	7 4	21,615	834
Paul I Detwiler				
107	3	6 7	21,038	883

Potter Co. DHIA

POTTER COUNTY DHIA
September, 1985

Ivan Kibbe Jr	RH	91 6	91 8	19,964	804
Ivan Smoker & Sons	RH	104 3	86 6	20,148	766
Jack Thomas Sr	Mixed	50 0	89 2	19,835	762
Snyder Farms	RH	40 0	88 5	20 161	735

Guy Dunn						
Delight	H	5 08	305	21,961	4 3	942
Ivan Kibbe						
Memory	H	6 03	305	25,036	3 7	926
Rebecca	H	5 07	305	24,652	3 7	906
Lenore	H	5 11	305	27,496	3 2	887
Dizzy	H	4 10	305	24,861	3 6	892
Dale Hoffman						
P Nut	H	6 05	305	27,531	3 3	920
Pumpkin	H	5 00	305	27,312	3 0	818
Carmel	H	4 04	305	25,005	3 2	802
Ellen	H	3 08	305	25,422	3 6	920
Ivan Smoker & Sons						
Lola	H	6 03	305	27,071	3 5	956
Louisa	H	3-07	305	25,441	3 6	905
Hazel	H	3-01	305	28,881	3 4	980
Carl Erway Farm						
#46	H	5 05	305	26,350	3 8	1010
Robert Francis						
McBeth	H	3 07	305	24,908	3 7	923
Snyder Farms						
Goldlox	H	5 11	305	25 696	3 4	867
John Lehman						
Peach	H	4 02	305	23,584	3 7	872
Jack Thomas, Sr						
Special	H	4 03	305	23 231	4 0	918

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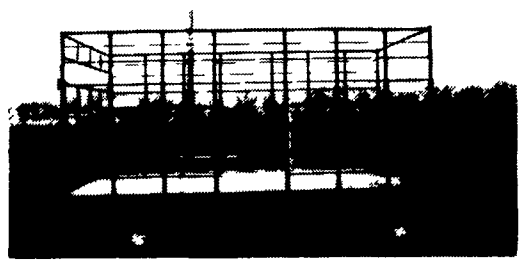

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Expert offers suggestions on corn storage decisions

NEWARK, DE. – Grain producers who are part of the government farm program have a real advantage in making storage decisions this year, says University of Delaware extension crops marketing specialist Carl German. Here's why.

"Cash corn valued at $2.20 a bushel at harvest will cost about 32 cents a bushel to store until March," German says. "The current situation in the market indicates a cash price of about $2.53 per bushel come March. Depending on the loan rate in your particular area and the above cash price, participation in the government's nine-month storage loan program could give you a return, on the Eastern Shore, of about 20 cents a bushel."

Growers who haven't signed up for the program, however, are likely to find storing cash corn only marginally profitable, the specialist says.

"Deciding to store cash corn unprotected could be risky," he cautions. "Although there has been some improvement in the declining value of the dollar–which is good news to the commodities seller because this development should strengthen cash grain prices–there is another problem. This stems from the possible effect the new farm bill and related factors may have on the future price of the crop now being harvested and stored."

A government decision to use surplus grain as an export bonus incentive would likely strengthen grain prices later on, German says. But there is a possibility that, instead, grain will be given to producers who are willing to redeem corn placed under the nine-month loan as an incentive to keep that grain from moving into CCC (Commodity Credit Corporation) stocks.

"This particular course of action could cause a price decline after the first of the year," the marketing specialist says. "One thing for sure–the policy chosen will likely affect the price of cash grain which is stored."

For further information on making grain storage decisions German suggests farmers in Delaware call him at 451-1317 for a copy of the extension fact sheet," Grain Storage Decisions."

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Cost of holiday feast rises slightly, AFBF says

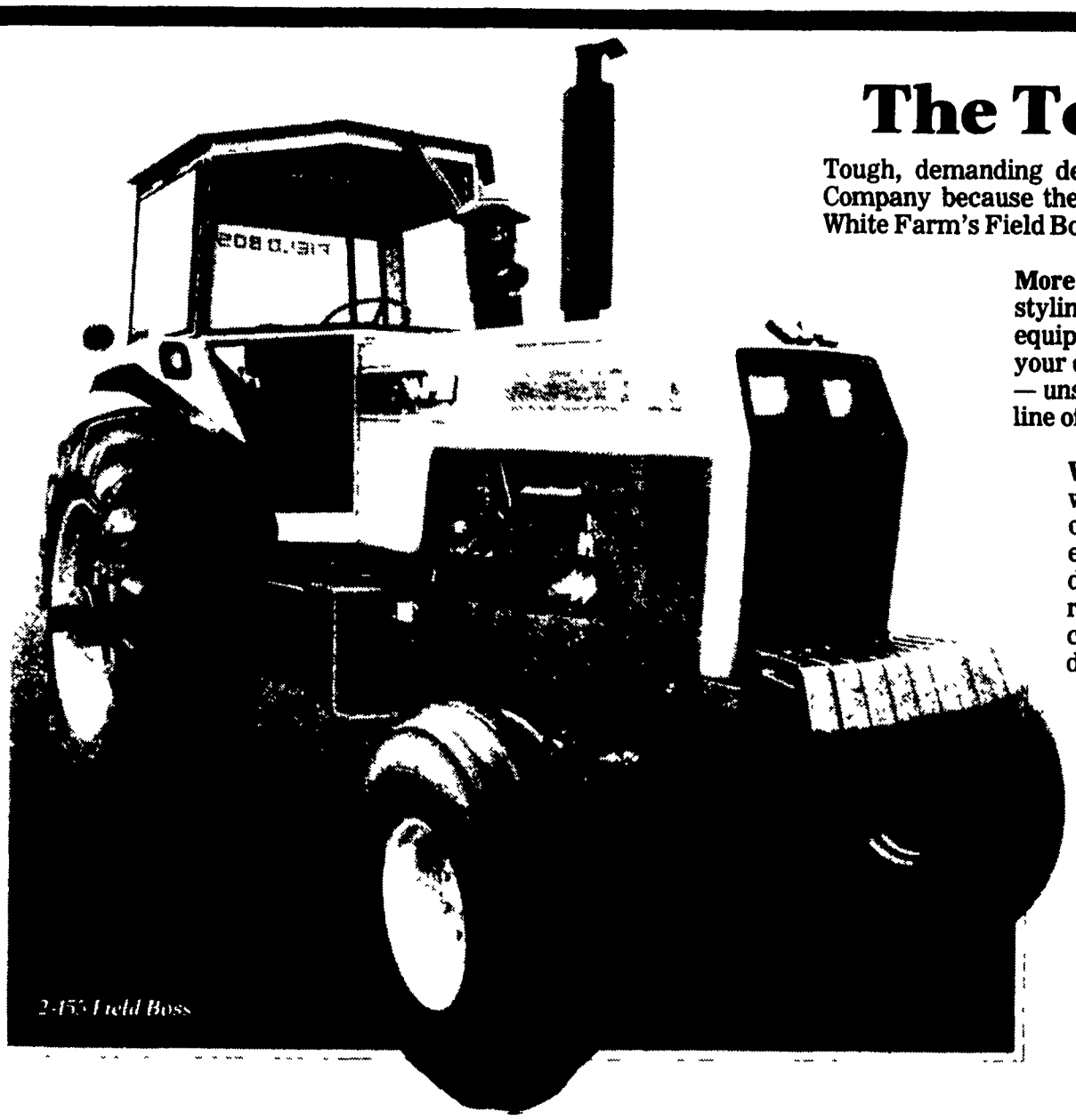
PARK RIDGE, IL– Holiday dinners will cost Americans a bit more this year because of higher retail prices for turkey, cranberries, eggs and pumpkin pie filling.

Patsy Perkins of the American Farm Bureau Federation said the traditional holiday meal of turkey, dressing, a vegetable, rolls, cranberries and pumpkin pie will still be a bargain at only $1.98 per serving, based on average Chicago area retail prices.

"At that rate," says Perkins, "dinner for eight people will cost $15.91 to those who prepare and serve it at home." That is an increase of only 85 cents over a year ago when dinner for eight had a retail value of $15.06, making the price per serving just a dime less than this year. But many of the ingredients of the traditional feast have not increased over last year and a few like onions and shortening are lower in price this year.

The 10-pound turkey, Perkins said, will cost about $8.20 this year, compared to last year's price of $7.85 at retail. The farm value of the bird, based on United States Department of Agriculture figures, went up slightly, from $5.16 in 1984 to $5.33. Other products that rose in price were cranberries, which retail now for 79 cents per 12 ounces, 20 cents higher than last year; eggs, $1.02 a dozen now, compared to 92 cents in 1984 and pumpkin pie filling, now selling for 99 cents a 30 ounce can, 15 cents higher than last year.

"Many of the products on this list are selling now for the same as they did a year ago and the farm to retail differences are the same for most of those too," Perkins said. Increases in turkey prices and higher values on cranberries, pumpkin pie filling and eggs will account for nearly all of the difference in cost of this year's holiday meal, "and it will be affordable on almost any budget," she added.



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Soil loss spurs growers to try new tillage methods

DOYLESTOWN – Concern over soil conservation has brought David Wolfinger, Nockamixon Township and Kelly Wasser, Bedminster Township, Bucks County, a long way in five years.

"We started out in 1980 with a chisel plow," states Wolfinger. "We did our plowing by this, but disking, harrowing and working up a seed bed for our old planter didn't save much time.

"We had that rough field to work down from chisel plowing. I have since added a vibra shank field cultivator and breaker and leveling bar.

"We now chisel and hit this ground with the vibra shank," says Wolfinger. "That leaves the ground rough and plenty of residue left on the soil surface. When planting in this seedbed you need a planter with double disc openers and press wheels for a good stand of corn," says Wolfinger.

Stephen Hill of the Bucks County Soil Conservation Service agrees, noting that Wolfinger has 50% ground cover after tillage.

Crop residues managed in this manner provide proper protection from heavy rainfall and allows Wolfinger the type of system that minimizes the variety of farm equipment needed to grow crops for his dairy herd.

Dave points out that the farmer should develop a system of tillage that meets his particular needs. "We farm land ranging from stoney, excessively drained soils to wet heavy clay soils," says Wolfinger.

"Our equipment has to do the job for my whole operation. I also have a problem with getting good help. This type of tillage allows a lot of time for mistakes a moldboard plow doesn't. You plow a field wrong and it takes forever to get it back in shape."

Kelly Wasser, another young Bucks County farmer agrees. "We had some problems relating to moldboard plowing irregular fields but since we started plowing on the contour and no-tilling those irregular fields a lot of gullies have disappeared from them."

"We raise hogs," says Kelly, "and we need the corn and soybeans to feed out animals. We have adopted a conservation tillage system that allows us to grow corn and soybeans in rotation. We save time and soil, but the amazing thing to me is that our yields are up on our no-till fields."

But farmers agree that Conservation Tillage pays and will tell you that! The Bucks County Soil Conservation Service offers technical advice to farmers on the adaptation of a Conservation Tillage System for your farm.

"We also have provided No-Till Corn Planters and Grain Drills for farmers to try," says Steve Hill.

For more information, call the Bucks County SCS office at (215) 348-1166.

"Now is the time to be planning for next year's Conservation Tillage crop production," says Hill, "not next spring."

Kelly Wasser of Bedminster is a farrow-to-finish hog producer who plants no-till corn after soybeans. (Photo by Steve Hill of Bucks County SCS.)

David Wolfinger of Nockamixon Township uses a mulch tillage system. (Photo by Steve Hill of Bucks County SCS.)

USDA studies annual alfalfa

CHICAGO, IL – An experimental alfalfa designed for one season use left 62 percent more nitrogen for the following grain crop than traditional dormant alfalfa varieties. Gary H. Heichel, a U.S. Department of Agriculture research plant physiologist, reported these findings to the Agronomy Society of America here.

The Agricultural Research Service, University of Minnesota alfalfa research team at St. Paul, Minn., selected superior plants within nondormant alfalfas because they will continue to produce nitrogen until the ground freezes, long after most other northern alfalfas have gone dormant.

The best experimental line, MN-SWxUC, had produced 94 pounds of nitrogen per acre when analyzed in October compared to 59 pounds by the best dormant variety tested during four Minnesota trials. Heichel said "We planted the alfalfa lines in late April and took forage harvests in June, August, and September. The average forage yield was about 3.4 tons hay per acre for both the experimental line and dormant varieties."

The plans are to release the MN-SWxUC line as a commercial variety for planting in 1987 according to Donald K. Barnes, U.S. Department of Agriculture plant geneticist.

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Bill would extend tax filing benefits to more farmers

HARRISBURG — Sen. Noah Wenger, R-36, has announced the unanimous Senate passage of a bill he authored that would provide tax filing relief for many of Pennsylvania's farmers by shifting tax estimates from net to gross farming income.

The legislation, which will now go before the state House of Representatives for further consideration, would amend the state Tax Reform Code of 1971, by changing the language concerning the filing of a farmer's estimated tax.

"Under current law," Wenger said, "the filing of an estimated tax on farm income by qualifying individuals as farmers is based on two-thirds of their net income being derived through farming. This bill would base farmer-qualifying status on two-thirds of an individual's gross income."

Wenger explained that often after expenses are deducted, many farmers have a very small net income, often less than a few dollars some might have obtained as income from other sources. As a result, their net farming income is too small to qualify them as farmers under the state's tax code.

"However if they can use two-thirds of their gross income, the money they get from farming before all their expenses are deducted, then they qualify as farmers even with a small amount of outside income," Wenger explained.

He said because the profit margin for farming has become so small, with many farmers virtually breaking even, those who pick up a few dollars from other than farming sources, lose their farm-filing status as the law is not written.

"It is important that we keep as many farmers working their farms as possible," Wenger said. "This legislation will play a small but important role in doing that and qualify farmers as they are qualified under the Federal Tax Code."

The senator added that while the legislation would not actually reduce taxes, it would provide farmers with a more favorable filing schedule.

"It is estimated that such a switch in the tax code would provide significant benefits to approximately 25 percent of our state's 59,000 farm families," Wenger said.

"I welcomed the Senate approval of this bill," the senator concluded, "and I encourage the House to act quickly and favorably on the legislation so that our state's farm families may see this much-deserved benefit as soon as possible."

In addition to the passage of the tax estimates bill, the Senate also approved another Wenger-authored measure that would exempt family farms from having to pay the one percent state realty tax when the farm transfers from sole proprietorship to family farm corporation.

The tax exempt legislation was also sent to the House for further consideration.

PAEE to host Bay Symposium

LEESPORT — A Chesapeake Bay Symposium for Educators will be hosted by the Pennsylvania Alliance for Environmental Education on Saturday, Jan. 18, at Shippensburg University. This one-day, action-oriented symposium is designed to help teachers and other youth leaders, such as scouts, 4-H, and Young Farmers of America, to better understand the complex problems facing the Chesapeake Bay.

"The ultimate goal of the conference is to increase student awareness by arming Pennsylvania educators with the best information and resources available on the Chesapeake Bay," said Frederick Bubb, Paee Region IV Director.

The conference agenda includes a panel of Chesapeake Bay experts in the morning, followed by a diverse selection of concurrent workshops in the afternoon. Workshop presenters include representatives from the Chesapeake Bay Foundation, National Audubon Society, Wallops Island Consortium, Pennsylvania Fish Commission, DER Bureau of State Parks, Soil Conservation Service, and local school teachers and administrators.

Highlight of the conference will be a keynote address by Dr. Dean Steinhart, Director of Pennsylvania's newly created Office of Environmental Education. A former teacher, principal, and school superintendent, Dr. Steinhart has a deep personal commitment to the Chesapeake Bay. His address will conclude the conference and be on the topic, The Teacher's Role in the Bay Clean Up.

Registration for the one-day event is $15 for PAEE members and $20 for non-members. The registration fee includes lunch and other refreshments during the day. To receive a registration packet, write to: D. Klinedinst, Chesapeake Bay, Shippensburg University, Shippensburg, PA 17257.

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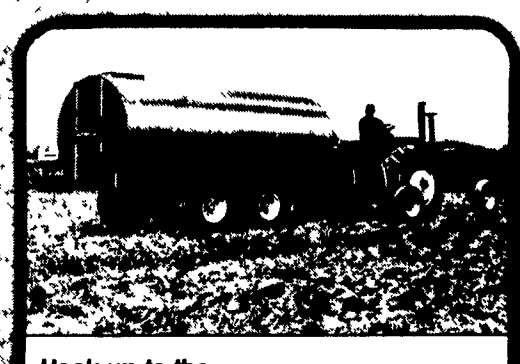

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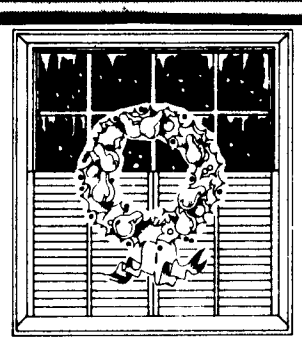

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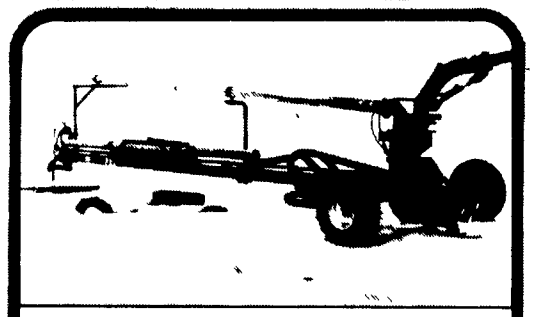

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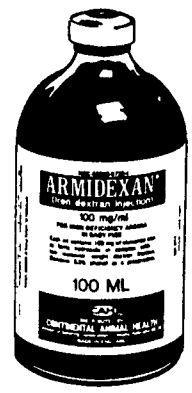

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Blair County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

BLAIR COUNTY DHIA
October, 1985

The twenty high herds for the month of October are listed as follows

Clover Will Farms	126 6	89 1	20 982	762
Thomas W Kelly	70 4	87 9	21,206	750
Fidelity Holsteins	41 0	85 7	20 827	747
Fred Bechtel	80 2	88 0	19,032	725
Blackcrest Farms	70 7	87 6	19,206	724
Dale W Hoover	33 4	88 7	18,975	713
Marcove Farm	67 7	85 9	19,986	708
Burket Falls Farm	91 0	90 0	18,762	701
Richard R Fox & Sons	42 5	85 9	19 019	701
Charles & Mike Hoover	89 0	88 4	19 541	700
Emile Dilling	106 1	85 1	18 866	698
G W & R G Baker	69 5	91 3	19,053	697
Dennis A Smith	52 0	87 3	19 709	696
Stanley Smith	40 6	92 8	19 839	689
Baker Farms	115 2	87 3	19 007	682
Mil Ber Farms	111 8	87 5	17 995	681
C Eugene Smith	83 5	90 2	17 992	678
Penn England	97 9	88 8	18 649	677
Robert Kensinger	54 7	90 5	19 985	672
Amos Newswanger	32 5	85 8	17 821	669

HIGH COW

The high cow for the month is a registered Holstein in the Charles & Mike Hoover herd Bobby Jo at 7 5 produced 24 750 pounds of milk and 1 047 pounds of butterfat in 305 days

Individual Cow Records of 305 Days or Less Over 750 Pounds Butterfat

G W & R G Baker					
277	RH	3/10	20 958	4 3	901
294	RH	3/7	21 541	3 8	817
178					
142	GH	4 11	21 911	3 6	792
Smith Hollow Farms					
191	RH	5/10	19 806	3 8	755
Myrtle	RH	5/2	22 622	3 6	820
228	GH	4/4	23 014	3 5	810
Dale W Hoover					
Connie	RH	5/10	25 275	3 5	886
Milu	RH	4/5	24 541	3 4	843
Doris	RH	3/2	19 200	4 0	761
Clover Will Farms					
50B	GH	6/3	22 963	3 3	756
60B	GH	6/2	27 300	3 5	948
17C	RH	5/3	25 976	3 5	910
1D	RH	4/1	24 589	3 7	918
12D	GH	4/1	23 110	3 4	776
45D	GH	3/6	19 404	3 9	751
Marcove Farm					
Julene	RH	10 7	23 190	3 4	777
Jolly	RH	3 4	26 059	3 0	776
Mindet	RH	3/0	22 139	3 7	814
Burket Falls Farm					
177	RH	3/9	19 914	3 9	774
R 099	RH	3/8	19 916	3 9	772
George Wertman					
Terri	GH	0/0	23 198	3 4	794
Cheryl	GH	4/5	21 895	3 5	763
William R England					
528	GH	4/3	18 557	4 2	781
667	RH	2/1	19 710	3 4	668
Baker Farms					
378	RH	6/6	25 790	3 3	854
414	RH	5/8	21 562	3 7	796
492	GH	3/1	24 810	3 2	784
Lar Ann Farm					
Josephine	RH	7/8	19 587	4 1	815
Ginger	RH	5/11	22,407	3 7	840
Alberta	RH	3/0	20 717	3 7	764
Carrut	RH	2/11	24 754	3 3	827
Thomas W Kelly					
Brie	RH	7/4	22 512	3 6	819
Charles & Mike Hoover					
Babs	GH	6/0	25 965	3 4	890
Bobby Jo	RH	7/5	24 750	4 2	1047
Trish	GH	2/8	20 561	4 2	859
Sollenberger Farms					
20	GH	5/8	17 300	4 4	756
Penn England					
Karen	RH	3/4	21 094	3 7	772
Byron & Randy Huntsman					
154	GH	4/7	20 769	4 2	881
Wilfred C Smith					
70	GH	3/7	23 743	4 0	939
Fidelity Holsteins					
Lucille	RH	3/1	20 767	4 0	837
Harold Steele					
Jana	RH I	3/9	21 793	3 9	840
Ivette	RH	3/4	19 346	4 3	823
Betty	RH	4/1	20 046	4 0	795
Lt Red	RJ	1/9	16 234	5 0	809

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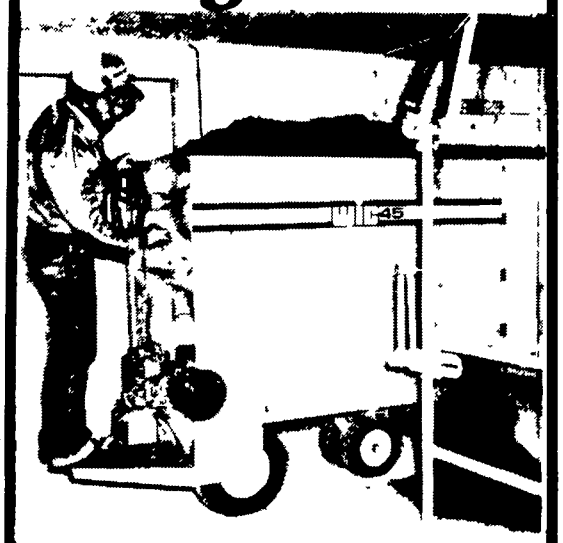

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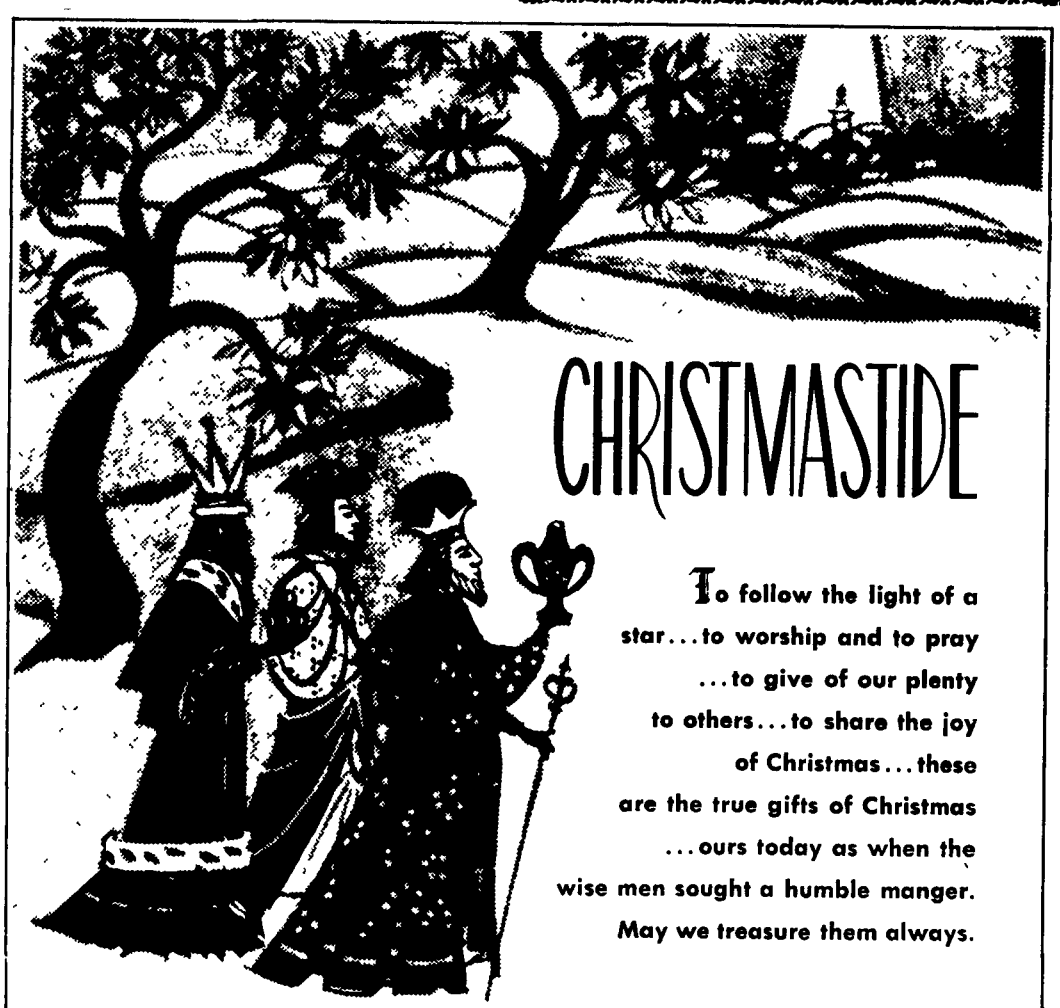

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Farm Bureau to host meeting on African bees

PARK RIDGE, IL — International experts on the Africanized Honey Bee will meet February 11 and 12 at the Westin Peachtree Plaza in Atlanta to explore ways for the U.S. to deal with future infestations of the feared insect.

The event is sponsored by the American Farm Bureau Research Foundation. Don Rawlins, Foundation manager, said speakers will deal with all aspects concerning the insect but will give special attention to the main concerns of farmers and the general public about the bee.

"Four areas will be discussed," he said. "What farmers need to do to manage the bee, pollination differences between the Africanized Honey Bee and the European or domestic varieties, human health concerns and legal problems. Various Farm Bureau advisory committees will then consider recommendations for specific actions or areas of future research to be made to the appropriate government bodies, universities or private industry."

Rawlins said the two-day program will include entomologists with a great deal of experience working with Africanized Honey Bees:

• Dr. David Fletcher, currently with the University of Georgia's entomology department, received his doctorate from the University of South Africa for his work on the wild bees. He will compare the characteristics of the "pure" or undiluted strain with those of Africanized Honey Bees found in the Western Hemisphere.

• Dr. Gard Otis from Canada's University of Guelph will discuss the bees peculiar swarming biology.

• Richard Cowden of USDA's Animal and Plant Health Inspection Service will discuss entry prevention, detection and eradication procedures.

• Dr. David Roubick from the Smithsonian Tropical Research Institute will speak on the ecological impact of the Africanized Honey Bee.

• Dr. Orley Taylor of the University of Kansas, chief advisor in California's successful eradication project recently, will speak on population dynamics and the mating behavior of the bee.

• Dr. William Schmidt, a physician from Clearwater, Florida specializing in treating venomous stings, will discuss how to treat bee stings and related health problems.

There is a $30 per person registration fee and two luncheons will cost an addition $10 each. For a copy of the program or more information, contact Don Rawlins at the American Farm Bureau, 225 Touhy Avenue, Park Ridge, Illinois 60068.

Lime pastures for healthier livestock

CHAMBERSBURG — Improved pastures help maintain healthy livestock, says Stanley Palmer, soil conservation technician for the Chambersburg fiéld office of the Soil Conservation Service.

Calcium is one of the home building elements necessary for the production of healthy livestock. Magnesium is an important element in the blood of livestock. Agricultural lime provides both calcium and magnesium. Therefore, a well limed pasture will provide high quality, nutritious forage and at the same time improve and protect the soil.

Fertilizer applied to well limed pasture will be more efficient in producing grass growth. Stimulating grass growth will help desirable grasses compete against undesirable weeds and protect the soil against erosion.

Palmer recommends a soil test as the first step to pasture improvement. This is needed to determine what additional nutrients are required for specific plants. Pastures where the soil is thin and weedy are little more than exercise lots, providing very little forage in addition to being prime candidates for severe erosion.

For more information on improving pastures, contact your local office of the Soil Conservation Service.

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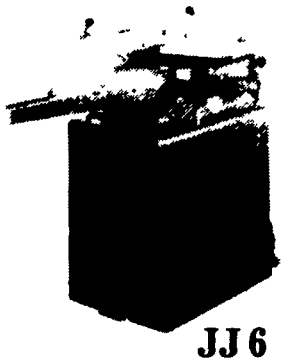

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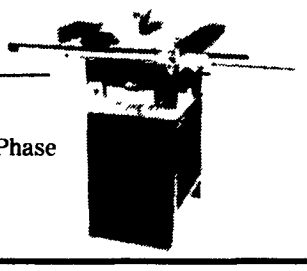

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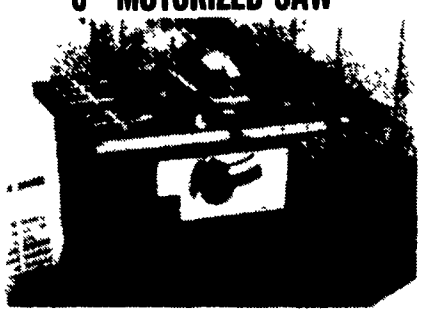

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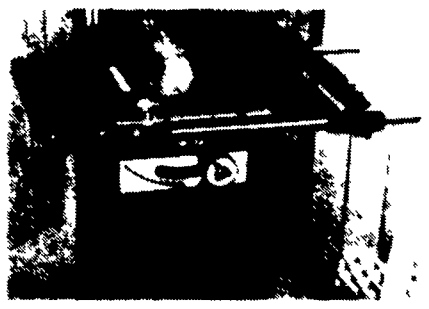

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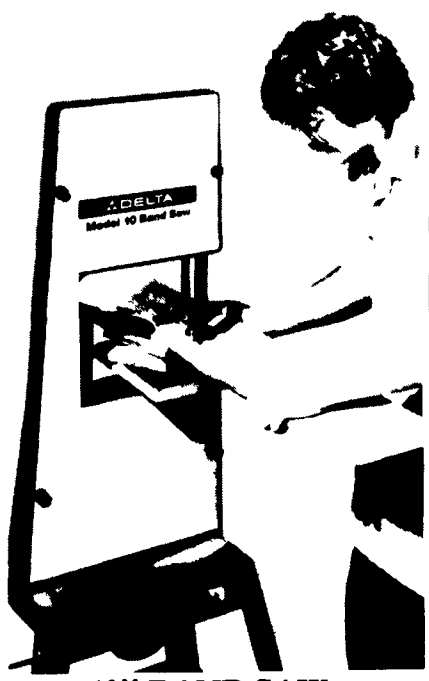

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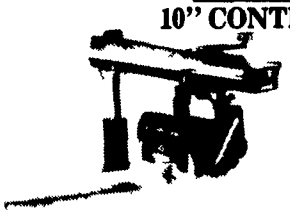

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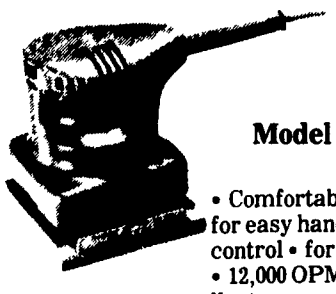

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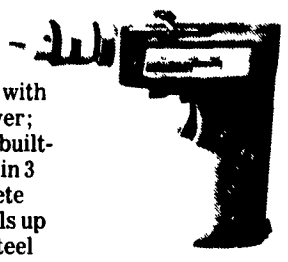

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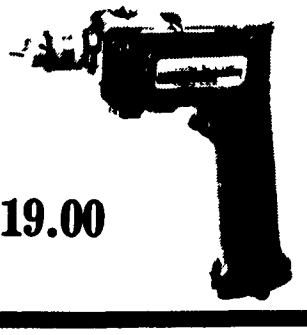

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Research aimed at improving chocolate

UNIVERSITY PARK — As with good wine, the connoisseurs taste, roll it over their palate and wax eloquent on the qualities of a particular concoction or growing region.

And like wine, which has been called the nectar of the gods, someone had heavenly thoughts in mind when they named the fruit of the tree that gives us chocolalte. Theobroma cacao means, literally, food of the gods. We make chocolate from the fermented seeds of this tropical tree.

After conducting more than two decades of research into various properties of cacao, The Pennsylvania State University recently played host to some 200 food scientists at the first international symposium on cacao biotechnology.

Food scientists and industry representatives from eight countries and 14 states attended the October 18 symposium, which was dedicated to Dr. Philip Keeney, recently retired professor of food science, and head of Penn State's Department of Food Science. Although Keeney is known best for his ice cream research, he pioneered chocolate research at Penn State.

"Since Phil Keeney began his cacao research more than 20 years ago, great strides have been made in this area," says Paul Dimick, professor of food science and symposium chairman, who has been working with Keeney for 12 years in cacao research. "Now that biotechnology has taken hold of the cocoa plant, there is a long list of exciting possibilities for chocolate production."

Dimick and eight other researchers gave presentations on a few of the areas of research underway and spoke on the future of cacao. Genetic engineering holds the potential for producing cocoa that is immune to the ravages of disease and fluctuations of climate. Already scientists have developed technology to increase the size and number of cacao seeds in a pod.

Another goal of cocoa researchers is to find ways to make the most of the post harvest process when the cacao seeds are fermented. Again, as with wine, each region produces cocoa with its own distinctive flavor that is greatly influenced by fermentation. Research scientist Alex S. Lopez of Brazil, the largest cacao-producing country in the world, presented research at the symposium into the changes that occur during cacao fermentation.

"A better understanding of the changes that occur during fermentation can, first of all, help us better monitor the process and reduce waste," says Dimick. "But, if we apply genetic engerineering we may someday be able to combine modifications in fermentation with genetic changes and actually enhance the flavor characteristics of cocoa."

For instance, says Dimick, the possibility of a "low-sugar" cocoa has been bandied about as a byproduct of cocoa biotechnology. Cacao beans and the cocoa that comes from them are highly astrigent and taste bitter until sugar is added to make sweet chocolate.

Many chocolate lovers have latched onto the possibility that, through biotechnology, some of cacao's astringent compounds can be removed or the naturally-occuring sweet proteins can be enhanced.

In other words, scientists may someday find a way to manipulate the cacao genes to vastly reduce or eliminate the amount of sugar added in the chocolate-making process — without sacrificing flavor.

"A cacao tree that produces a less astringent seed is not out of the realm of the possible," says Dimick of the low-sugar chocolate. "However, it is a long way down the road and is only one of many opportunities of profound significance in cacao production."

* * * *

The implications of such developments are enormous, touching consumers and researchers, as well as billion-dollar industries. Although Theobroma cacao tress grow only in countries within a 20 degree band of the equator, chocolate is a world-wide commercial product.

Within the United States, which is a world leader in chocolate production, Pennsylvania manufacturers more chocolate than any other state. Milk chocolate, which utilizes 10 to 12 percent of Pennsylvania's vast dairy resources, is the biggest seller. On the average, Americans eat about nine pounds of chocolate per person each year, the majority of which is milk chocolate covering some other product such as candy, peanuts or wafers.

Increasing quality and productivity is the bottom line in the application of cacao biotechnology. Penn State scientists presented research at the symposium that targets this goal. Dimick and Shahrir Shamsuddin, a Ph.D. candidate in food science, presented measurements of fermentation of cacao beans from 40 different countries. This information will aid in determining flavor characteristics of the chocolate bean and ways to improve fermentation techniques. Shamsuddin is at Penn State on leave of absence from the Malaysian Agricultural Research and Development Institute where he is a Senior Research Officer at its Cocoa Research Center.

Paul J. Fritz, associate professor of pharmacology at Penn State's Hershey Medical Center, outlined his advances in plant biotechnology that offer promise of developing new and improved plants through gene modification. "Modern plant biotechnology makes it possible to attack the plant at its core," says Fritz of his work with the Theobroma cacao. "This makes it possible to form a new plant tailored to the needs of industry."

The needs of the industry are, by necessity, directly related to consumer demands. Dimick soothes any qualms consumers may have about flavor changes brought about through genetic engineering. "Some people I talked to thought we were going to change the taste of chocolate. And they reacted with the same force that loyal Coca-Cola drinkers gave the 'new coke'. But it won't happen that way."

Phil Keeney, who has been in the forefront of cocoa research, agreed that changes in society will weigh equally with changes in technology to influence any restructuring of chocolate. "We are in an era of marketing research in which consumer desires are the primary consideration in developing new products," says Keeney. "It's an increasingly complex and sophisticated society and both producer and manufacturer must adapt in order to prosper and remain competitive."

* * * *

Dr. Russell Larson, provost/professor emeritus of Penn State, delivered the keynote speech, giving the status of the cacao industry and addressing the production problems of the industry throughout the world. Larson is a science advisor to the American Cocoa Research Institute.

Dr. Lyndsey Withers, research assistant and fellow at the University of Nottingham in Loughborough, England, spoke on cocoa germplasm, including the maintenance of gene banks, and the conservation, characterization and movement of germplasm.

Dr. Maro R. Sondahl, director of Research, Developmental Biology and Agricultural Systems at DNA Plant Technology Corporation, addressed the symposium on the various technologies being developed to interface biotechnology with tropical crops.

Dr. Richard Litz, associate professor of tissue culture of tropical fruits at the Tropical Research and Educational Center, University of Florida, discussed his research into micro propagation and tissue cultures of Theobroma cacao.

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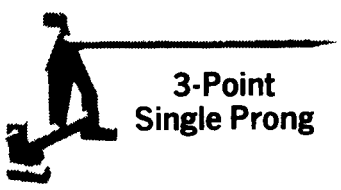
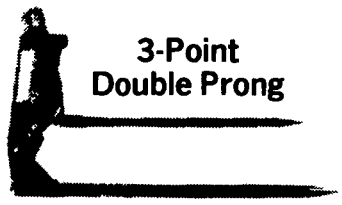
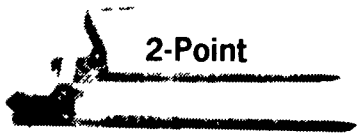
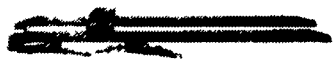

3-Point Single Prong


3-Point Double Prong

The Same Unit Can Be Used With One Prong For Center Of Bale Or Two Prongs For Under Bale.


2-Point

Front End Loader Forks



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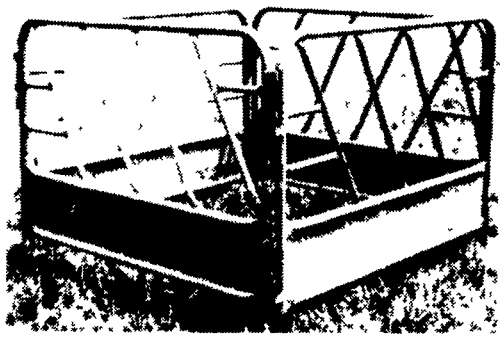

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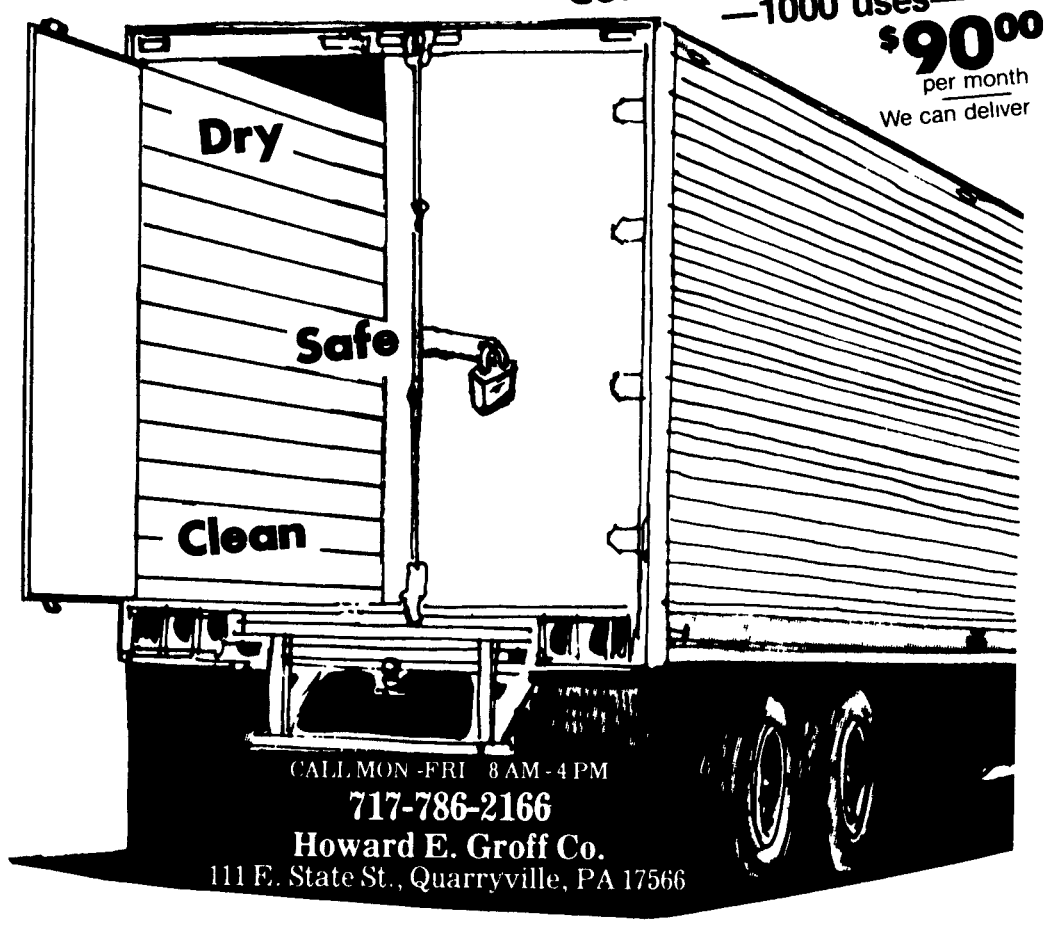

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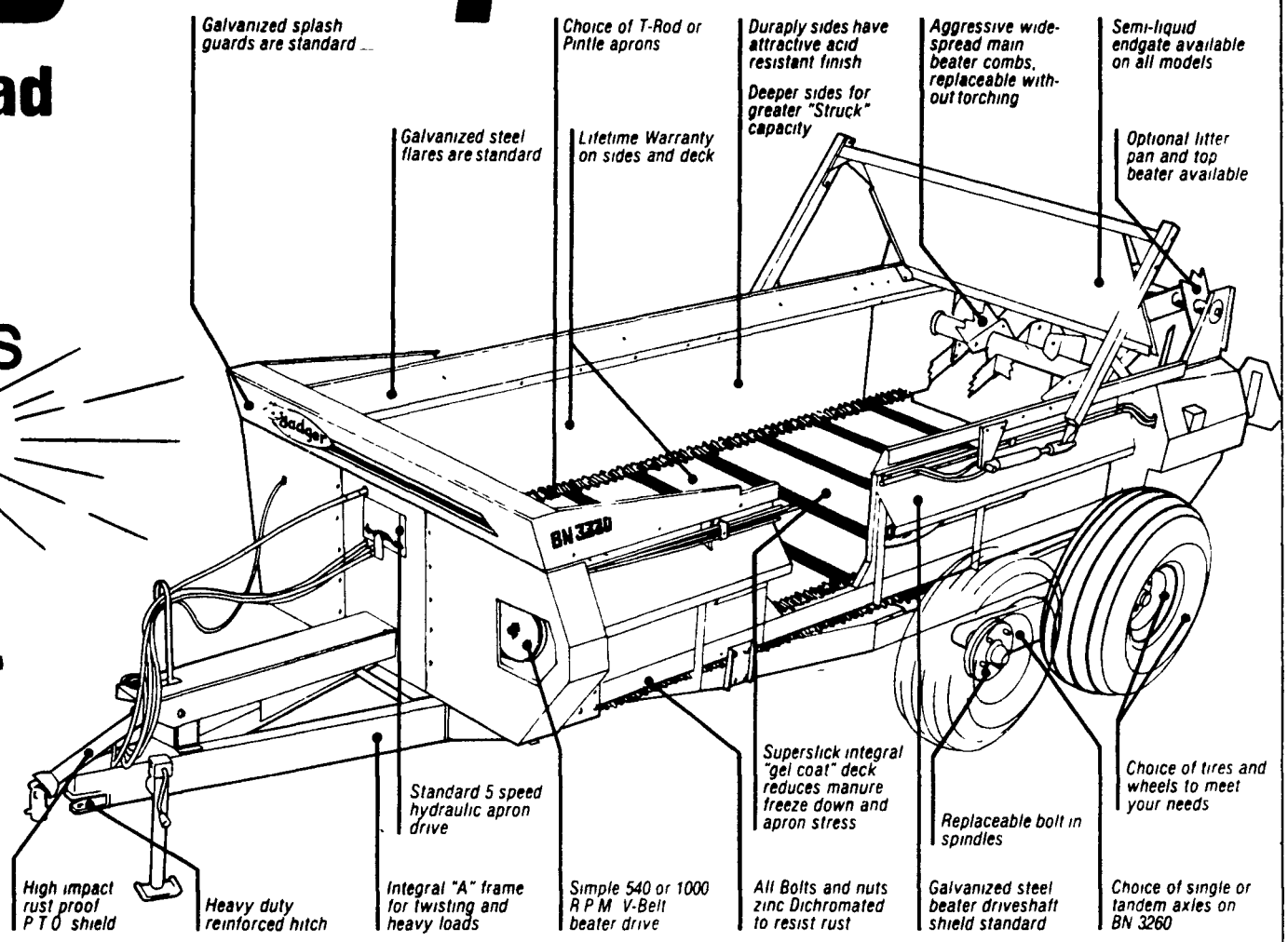
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Schuylkill County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

SCHUYLKILL COUNTY DHIA
October, 1985
ROLLING HERD AVERAGE

Brian Ruch	28 7	21,843	838
Carl A Farms	57 7	20 591	812
Miller & Rex Inc	32 6	19,002	728
Heisler Bros	68 7	19 104	723
Paul & Ken Wagner	55 8	18,406	717
James Rodichok	65 5	17,625	712
Larry Hepler	53 9	16,046	646
Snyder Bros	79 1	18,194	659
Raymond Reichwein	38 9	17 331	659
Richard L Heilinger	13 7	18,415	657
Melvin E Stoltzfus	39 7	20,524	655

Thirty-nine cows finished lactation records with 600 lbs milkfat in October The records are based on 305 days or less 2x actual production

Carl A Farms			
Falcon	3 0	24,971	1041
Heisler Bros			
Alice	3-8	26 191	1012
Vesta 2	5 8	27,785	975
Snyder Bros			
Ida	6 10	26,408	906
Paul & Ken Wagner			
Libby	4-11	22 351	877
Dawn F Rhein			
Karen	5 4	18,774	861
Heisler Bros			
Dorcas	4 9	19,646	840
William R Daubert			
Sally	6 11	20 265	833
John P Leatherman			
Ma	4 5	22 170	827
Dawn F Rhein			
Desire	4-2	18 883	824
Richard Heilinger			
Blacky	8-1	21 520	815
William R Daubert			
Kathlen	5 1	20,432	815
Snyder Bros			
Dorette	5 11	20 386	811
William R Daubert			
Rebecca	6 5	19,498	788
Bruce Leatherman			
Ruby	3 8	21 085	770
George Hinkle			
107GE	4 3	22,676	767
Fidler Farm			
65	4-5	19,395	766

Sulbra DHIA

SULBRA COUNTY DHIA
October, 1985
ROLLING HERD AVERAGES
(550 LBS. BUTTERFAT AND OVER)

Richard R. Higley	3	88.3	85 4	17,606	720
Raymond Norconk	3	40 5	87.5	19,289	709
Bobwood-Acres	3	47.8	87 5	19,579	697
Lambert Farms	3	125 9	90 2	18,006	679
William B Hart	3	75.8	90 0	17,673	670
Ronald Hembury	3	91 9	87.4	16,879	662

COMPLETED LACTATIONS OF 500 POUNDS OR MORE OF BUTTERFAT

Bobwood-Acres						
Barb	3	7-04	305	25,357	3 8	956
Richard R Higley						
Babs	3	6-01	305	25,343	3 5	894
Lovely	3	3-05	305	21,555	3 6	766
Lucreta	3	4-02	305	16,689	4 6	762
Lambert Farms						
April	3	5-00	305	22,997	3 9	887
Yvonne	3	3-02	305	19,162	4 4	841
Bubbles	3	7-09	305	20,061	3 8	766
Tweety	3	4-02	305	20,855	3 7	764
William B Hart						
58	3	4-05	305	19,501	4 2	824
Joan M Woodhead						
Dawn	3	3-05	305	22,453	3 6	814
John & Marvin Brown						
Reba	3	4-02	305	21,687	3 7	803
Ronald Hembury						
Hope	3	5-00	305	18,142	4 3	777

Crawford Co. DHIA

CRAWFORD COUNTY DHIA
October, 1985

Queens Manor Holsteins	RH	21 4	21,853	820
Jeffrey Raney	R&GH	42 7	22,104	799
Helen Anthony	R&GH	69.0	21,328	794
Black Pond Farms	RH	92 1	21,388	752
Alan & Rhona Custead	R&GH	68 5	19,306	749
Richard M Lyons	RH	19 2	21,011	737
Stain-brook Farms	R&GH	48 3	20,191	729
Tom & Libby Wilson	RH	16 3	19,799	728
Richard L Black	RH	48 8	20,199	727
David R Reusing	RJ	23 3	16,157	708
John Tautin Sr	R&GH	40 7	18,949	700
George P Simcheck	R&GH	49 2	17,459	694
Ernest Oakes	R&GH	89 0	21,197	693
James R Davis	R&GH	19 7	19,028	687
O-Darlan Farm	R&GH	47 3	19,394	684
Loren Mitchell & Son	RH	51 8	18,928	684
Stanley Bradshaw	R&GH	51 1	18,537	681
Lee Bryer	R&GH	30 3	19,321	679
A&B Dairy Farm	R&GH	61 3	20,455	675
James K Anderson	RH	60 1	18,141	674
Dale Home Farms	RH	32 5	18,613	673
Morrell Farms	RH	93 6	19,095	672
Slusser & Naugle	RH	56 6	18,653	672
John J Kapanick	R&GH	60 2	17,683	665
GL & SL Foster	R&GH	42 3	17,540	665
Wil-Aire Farm	RH	55 1	17,895	663
Clark S Duncanl	RH	42 4	19,072	655
Neil J Dearborn	GH	43 2	19,352	655

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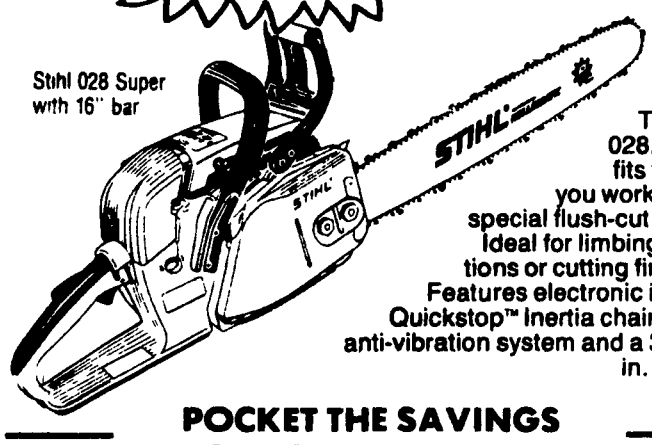

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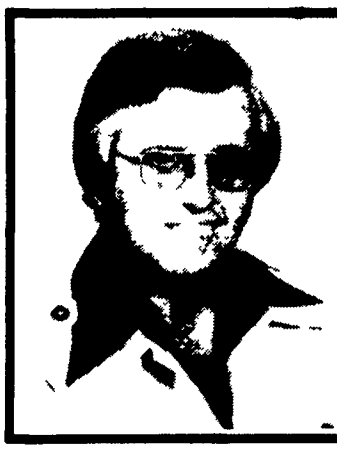

Farm Talk

By

Jerry Webb

No one wanted to quit

Most farm people who give up farming feel they have no other choice. That's the conclusion of a team of rural sociologists from the University of Missouri who conducted detailed interviews with 40 displaced Missouri Corn Belt farm families. Asked if they wanted to give up, all of them said no. They were instead forced off the farm by adverse economic conditions that had prevailed since 1979.

Bill and Judy Hefferman conducted their study earlier this year in cooperation with the U.S. Department of Agriculture. They chose a section of north central Missouri because of its good quality farmland and because it was more than 50 miles from a metropolitan area where high-paying jobs often keep otherwise failing farmers from going under. They developed a list of 40 families who had left farming during the five years between January 1980 and January 1985. The sociologists then contacted those families and subsequently conducted in-depth interviews.

There were some striking similarities. All were fairly new to farming, relatively young, operated primarily on rented land and concentrated on crop production. Almost all of them grew up in farm families.

That profile would describe the majority of failed farms throughout the United States. It certainly applies in this area.

The Heffermans found that most farmers who had gotten out got into farming during the boom years of the 1970s and early 80s, nearly three-fifths rented all of their land when they started, and more than half began farming with another family member, usually a parent.

Those interviewed range in age from 22 to 64, but three-fourths of the husbands were under age 45, and 84 percent of the wives were younger than 45. That means that 10 or 15 years ago when they started out, they were 30 to 35 years old with a number of years of partnership experience with other family members.

And that they were taking advantage of the good opportunities that existed in those days to make it on their own. Borrowed money, rented land, a short inventory of well-used farm equipment partially paid for, and an understanding that a hungry world would consume all of the corn, soybeans and small grains they could produce–those were the elements needed to make it on their own.

These weren't small part-time farms. The average operation when each farm was at its peak consisted of 500 acres; 200 owned in the sense that the farm family held title, and 300 rented. In the atmosphere of the 70s, the prospects looked good for these farmers. They had farm backgrounds, experience, and an operation large enough to support a family and thrive during those prosperous agricultural times.

But then came a new decade and some serious new problems. One at a time, these Missourians left the land, some by choice, salvaging what they could and starting over somewhere else. Others were liquidated--sold out by their creditors. And yet all of them said they did not want to give up farming.

Many of the farmers thought they could have stayed on the land with just a little help from outside. Many said lower interest rates would have made the difference. Others said higher commodity prices or more favorable government policies could have kept them going.

Almost one-fifth claimed they could have continued if the Farmers Home Administration had reorganized their loans. One-tenth said they would have stayed on the farm had they been able to find off-farm jobs to supplement sagging farm incomes.

Are these families better off now that they're no longer struggling to make ends meet on an unprofitable farm? Probably not, at least in their own opinions.

Over half said they were not able to pay off all their debts, even after their assets were liquidated. And almost two-thirds of the families said they were either worse off or much worse off now than they were in 1980.

Almost one-fifth said that even after liquidation and a new start away from agriculture, their incomes were not at all adequate for basic living needs. In fact only 28 percent described their finances as better now than when they were farming.

All of the families interviewed acknowledged the tremendous stress they felt when they finally had to quit farming. Many of them faced immediate relocation while others stayed in their homes but were uncertain about the future. And most of them felt the loneliness and extreme anxiety of the situation with very little outside support and even a lack of understanding among famly and friends.

This Missouri profile doesn't describe all farmers who have left the land or who are in serious financial trouble. It does however support other reports of farm families who are being displaced. The sociologists and other behavior experts say many of these families leave the farm with a great feeling of personal failure and with financial obligations they cannot possibly meet. No doubt some failed because of their own lack of ability or willingness to change, but others were simply in the wrong place at the wrong time.

In the world of business, companies fail with great regularity. In fact, a small business that survives in this day and age is a rarity. And there are plenty of business people who will tell you it takes a bankruptcy or two just to gain enough knowledge to manage a successful business. Maybe that's true for farming also.

The farm family that has lived through a failure might not ever want to try it again, but on the other hand some of those farm families have gained some valuable knowledge that could serve them well in a future farming enterprise.

One final thought. It would be interesting to check back on those 40 families five or 10 years from now to see what they're doing and how they feel then about what happened.

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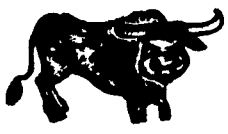

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Records: your protection

In the past two weeks I have discussed two very diverse subjects – gimmick farming and lists. These do have one thing in common – records. People who get caught up in gimmick agriculture rarely, if ever, keep records.

By not keeping records, they can disillusion themselves more completely as to the profitability of the "sucker" gimmick. People who make and use lists in their planning and management decision making are also apt to keep and use records. The lists help them see the value of good records in setting priorities.

There is never a time when records are out of style or inappropriate. Right now, for example, crop records are still a current item. My new mini analysis will make some dairymen very unhappy with their feed efficiency because of their poor crop yield and/or inventory records. This is just as true for other analyses that use crop yields and inventories in developing measures of feed efficiency.

Just think – if you as a farmer produce a certain amount of feed then sell part of it, where does the rest go? It must either be on hand (inventory), or eaten by livestock, or lost (wasted). Where else would it be? If your crop records say a dairy cow had 45 pounds of grain to eat per day and that cow produced 60 pounds of milk per day, does this not reflect poor feed efficiency?

As part of my mini analysis package, I have developed a series of explanation sheets including one on feed efficiency. The title is "Feed Efficiency- Why isn't it Better". One of the answers is poor reporting of crop information. Of course a set of good crop records might blast our concept of ourselves as crop producers. Farmers read about 100 plus bushels of corn to the acre and 5 ton alfalfa yields and think "I'm as good of a producer as those guys so I too must have gotten 100 bushels of corn and 5 tons of alfalfa".

The big problem is that those yields were probably inflated in the first place because of sampling techniques and not deducting harvest and handling losses. In addition, the yields were on selected areas. The end result was an estimated yield well above the actual average yield for the farm.

The best way to determine yields is by measuring storage areas. Of course approximate yields can be made by weighing loads or bales and taking moisture tests. This is very effective for someone interested in yields on individual fields.

DHI or OS records for the dairyman are a must if the dairyman is interested in staying in business for the next 10 years. With all of their problems and abuse, they are still the best production record available for any livestock enterprise.

The full value of these records is seldom realized due to farmer reluctance to either provide adequate information or use the results once they are calculated. In addition to those important records, a dairyman should have a herd health record, a genetic record, and a cow turnover reason record.

Pork producers need a DHI type of program. Perhaps that would help them see more about their feed efficiency and pig weaning percentages. From my brief encounter with swine records (what few are available), the pork producers sure need something to make them aware of their feed efficiency (it has been poor) and weaning pigs per sow (also very poor). Of course, a good inventory record, sow production record, and sales record would be helpful in determining the above measures of profitability.

Crop producers have an opportunity to keep records in a uniform way through the County Crop Improvement Association. The first such association was formed in Centre county a few years ago. The year after it was formed the group members decided to start a record book. After exploring some ideas, they came up with a very effective record book which is compatible to a computer program that was more recenlty developed to analyze the data. This data analysis is available for the individual farmer and the county to use as a county statistical to measure the effectiveness of the associations recommendations.

Guide to wood heating

SHIPPENSBURG – The Pennsylvania Energy Center for Region VI at Shippensburg University is offering a free publication to consumers: Heating With Wood. This guide offers information on how to burn wood safely and efficiently. Buying, siting, and operating wood stoves, floor protection, stove pipes, and chimney care are only a few of the topics covered. In addition, this guide offers information on how to select the best type of wood.

This publication is provided as a public service by the Governor's Energy Council and is available by calling the PA Energy Center toll-free, 800-692-7312, or writing to: PA Energy Center for Region VI, 201 Gilbert Hall, Shippensburg University, Shippensburg, PA 17257.

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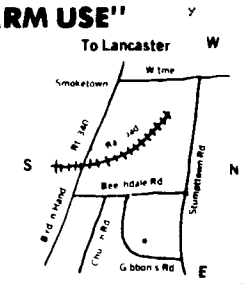

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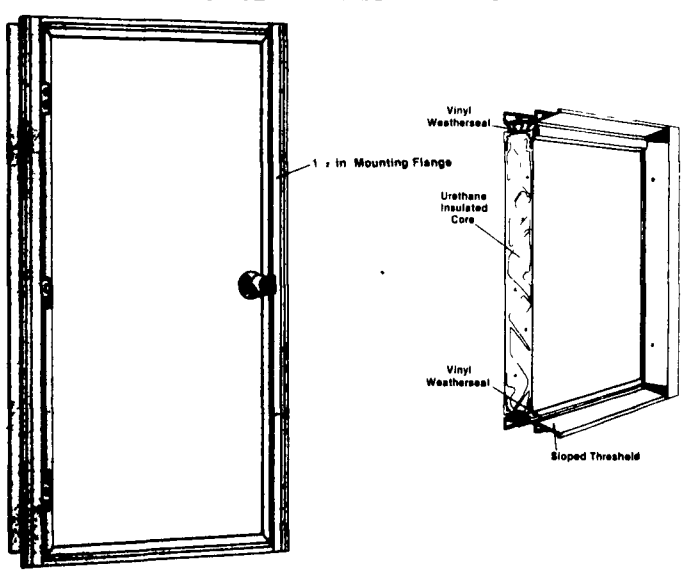

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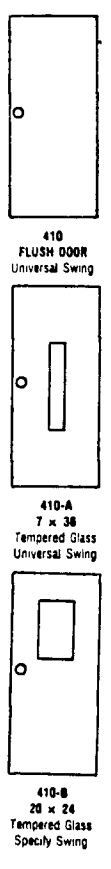

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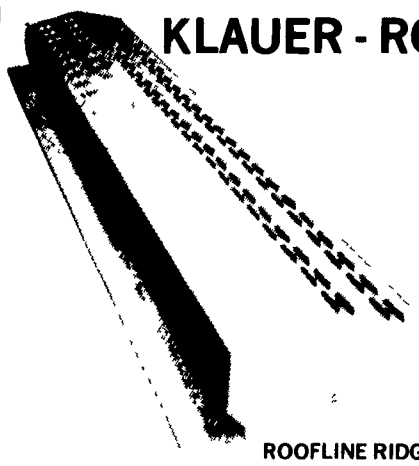

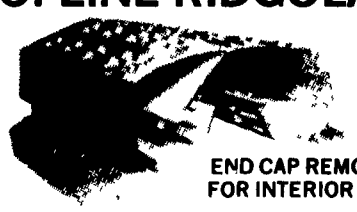

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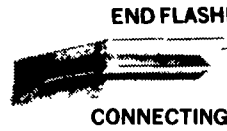

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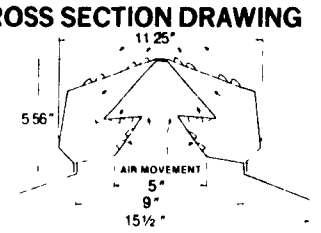

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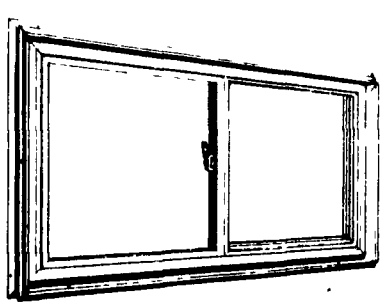

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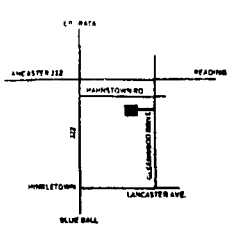


R.D. 3 Box 503A
Ephrata, Pa. 17522
(717) 733-9590

Line Limousin hosts field day

CARLISLE – Line Limousin was the host of the Limousin Field Day and Club Calf Sale recently. In spite of the heavy rain, a good crowd was in attendance for the morning judging contest and for the afternoon sale.

The youth judging contest had a senior and junior division. Taking first place in the senior division was John Myers of Dallastown. Michele Sullivan of Gardners was first in the junior division.

Others placing in senior division were Jason Boyer, East Berlin; Travis Sherman, Abbottstown and Don Sullivan, Gardners. Others placing in the junior division were Sonja Shearer, Abbottstown; Kevin Miller, Bedford and Todd Rabenald, Kutztown. Coordinating the contest was David Hartman, Cumberland County Extension Service.

Topping the afternoon club calf steer sale at $585 was a calf consigned by Joe Brown, Hamilton, VA. This was the first place calf and was purchased by Danny Jones, Damascus, MD. Second highest at $525 was purchased by James Sphon, Clearville, PA. This calf was consigned by Just "A" Nuff Farm, Mt. Airy, MD. Nesbitt Brothers of McConnellsburg, PA purchased a Charles Geary, Mt. Savage, MD consignment for $510. There were a total of 33 steer calves that sold for an average of $401. All steers were sired by registered Limousin bulls and weight range of 400 to 700 pounds.

Judges for the sale cattle were Kenianne Rarick, Reading, PA and David Shultz, Mechanicsburg, PA. Brice Ridgely, Mt. Airy, MD was the auctioneer and Robert Line, Carlisle, PA was the sale manager.

Combination cuts weeds in soybeans

INDIANAPOLIS, IN. – A newly registered combination of Surflan herbicide plus 2,4-D provides control of established winter weeds plus full-season weed control in next year's no-till soybean crop. This combination may be applied from late fall through early spring over undisturbed stubble from the previous crop.

Combining Surflan control of annual grasses with 2,4-D's control of broadleaf weeds produces an extensive spectrum that can reduce or eliminate the need for further herbicides during the soybean growing season. As a result, considerable cost savings are possible, especially where burndown herbicides are replaced.

Surflan is the only herbicide registered for early application in fall, winter or early spring. Under this new EPA registration, most 2,4-D products may be added to Surflan and used according to the 2,4-D directions.

Surflan may be applied anytime after October 15 up to four weeks before planting as an early application. It may also be applied up to two days after planting as a conventional application. The early application provides improved control of most annual grasses plus control of troublesome broadleaf weeds like pigweed and lambsquarters– also controlling velvetleaf and common ragweed in medium and fine textured soils.

Surflan AS is compatible with most 2,4-D formulations. However, compatibility should be tested if necessary and sufficient agitation must be maintained.

Rates for Surflan early application are:

Soil Texture	Surflan AS	Surflan Dry Flowable
Coarse	1 qt	1 2 lbs
Medium and Fine	1¼ 1½ qts	1 5 1 8 lbs

See the Surflan label for complete directions and precautions.

Cornell to offer beef producers course

ITHACA, NY – Beef producers throughout New York State are being invited to the 1986 "Cornell University Beef Production Short Course" in Morrison Hall on campus, Jan. 6-10.

The week-long program will consist of an in-depth study of the practices and principles involved in raising beef cattle in New York, with emphasis on nutrition, reproduction, breeding, health, and marketing, according to program chairman Danny G. Fox in the New York State College of Agriculture and Life Sciences at Cornell.

"In addition to lectures, there will be ample opportunities for the participants to meet with specialists from the college to raise specific questions relating to individual farms," says program chairman Danny Fox, a beef specialist and associate professor of animal science.

For more information about the program and registration, contact Gloria Smith, 130 Morrison Hall, Cornell University, Ithaca, NY 14850- 901, or call (607) 256-7712.

MAILBOX MARKET FOR SALE

30 Angus brood cows due Apr. 1986; 9 Angus feeder heifers; 1 purebred 3 yr. old Angus bull. Columbia Co. 717-925-6435

JD 450 crawler loader, good condition, exc. undercarriage, ROPS; also 1971 Ford F-600 dump truck, good. Col. Co. 717-799-0178.

JD 210 disk in good condition and has 20" blades, 11'5" w/farrow filler. Bedford Co. 814-766-3591.

Boggs potato grader with motor; lucust posts; nice green alfalfa hay; wheat straw; alfalfa seed. Lehigh Co. 215-756-6618

20 gal. pump shotgun w/3 boxes shells, $125; stereo FM/Phono/Tape player w/speakers, $125. Suitable for Christmas. Adams Co. 717-677-7387.

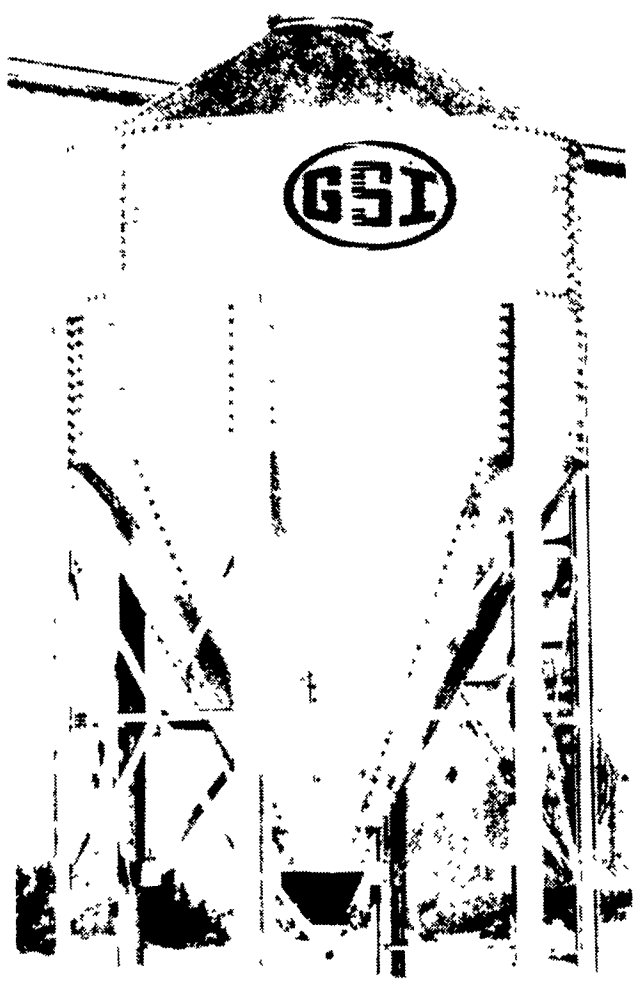
Antique manure for; Int. 45 baler; McDeering fertilizer spreader; Ontario grain drill on steel. Best Offer. Leb. Co. 717-838-1434.

Electric food slicer and Hamilton Beach switch blade electric knife. Both used a few times. Lanc. Co. 717-393-8267.

TRUCKLOAD SALE

FLEX BOOT LADDERS
AGITATORS GSI AUGERS
PNEUMATIC FILL KITS SLIDE VALVES

FEED BINS



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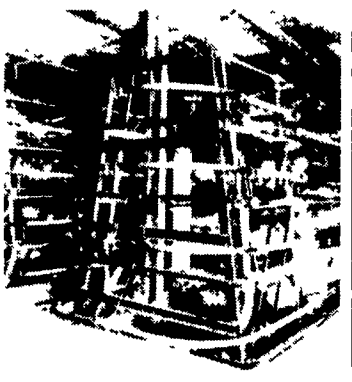

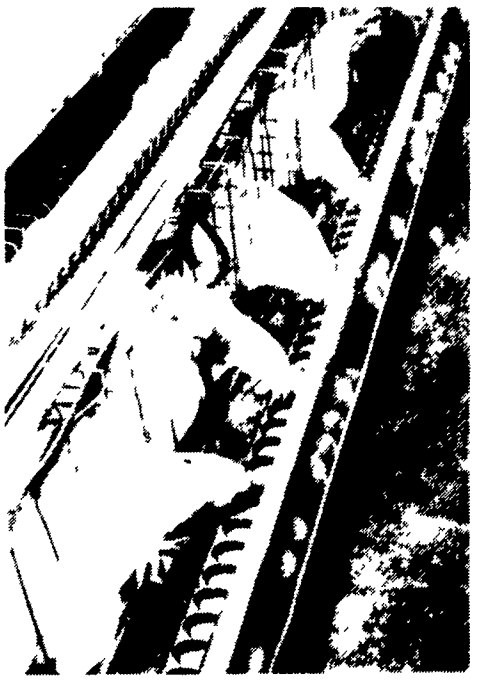

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Flex-Auger in trough bottom restricts hens or pullets from piling feed and billing feed into pit and isles.

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Three good Yorkshire boars. Joe Kauffman, RD1, Christiana, PA 17509. Near 9 Points.

Farmette: 13½A, good buildings, additional ground available, 5 mis. from Raystown Dam. Asking $98,000. Huntingdon Co., PA. 814-658-2124.

Mixed clover hay, $1.25 per bale at barn. York Co. 717-299-6882 after 6PM.

3" Garman-Rupp Centrifugal septic pump, new condition, $1,500; 3" diaphram pump, $175; 4" diaphram pump, $250. York Co. 717-757-1386.

Orchard type turf tires, good tread, 23.1x26, 8 ply, ⅓HP single phase motor, 2SP, like new. Lanc. Co. 717-354-7671.

Boston Terrier puppies, some Fox Terrier, nice marking. Lanc., PA. 717-354-9461.

DT9 crawler w/540 PTO w/10' blade. 717-354-4158.

1978 Ford Supercab, 351 auto, PS, ½ ton, runs, $2,000 firm. Berks Co. 717-933-4216 after 5PM.

Team of black work horses, 4 years old. RD2, Box 94, Mill Hall, PA 17751. 717-748-3338.

AKC Reg. Norwegian Elkhound puppies, will be 5½ wks. old Dec. 25. Ideal Christmas gift. Lanc. Co., PA. 717-656-6352.

2-8½w 24" rims, ¾HP electric motor. Snyder Co. 717-374-4246.

Three Australian black swan 3 pt. Ford hay rake, $400. Lanc. Co. 717-285-4189.

Yale fork lift, 3,000 lb. capacity, 3 stage, hard tires, water cooled; NI 10 corn picker, good condition. Berks. 215-367-8931 after 7PM.

Portable grain roaster, complete w/Angus, fuel tank & cooler. April 1985 Valiant sons from 88 pt. Elevation. Franklin Co. 717-597-3994.

Maytag wringer washer, round tub, used two year $180. 215-683-7943.

JD 40 C, 5 roller industrial loader and tracks. Lancaster Co. 215-445-6483

AKC Beagle pups; Farm land for rent, Manheim area, Lanc. Co. 717-665-4626 after 6 p.m.

Registered Peruvian Paso Stallion, liver chestnut, 15 hands. Reasonably Priced. Lancaster Co. 717-284-3329

JD 16A chopper, good condition; Ford Ferguson tractor jack. York Co. 717-235-5189

Toys, JD R collector series, $40. ea.; White Commemorative 9700 combine, $95. Lebanon Co. 717-865-6860

Moving Must Sell: Custom made reg. pool table, 4½x9; Beautiful black CFA Persian female cat, very loveable. Lanc. Co 717-442-4793

JD 2x14" 3 pt. trip bottom plow w/rear gauge wheel, $200. York Co. 717-993-6845

Chevy 30 telephone repair truck, swing ladder hydraulic on 8'6" utility body. $3,000. or Best Offer. Somerset, NJ. 201-782-0193

JD conservation planter, 6 row w/liquid fert., monitor & marker; 300 gallon Century truck sprayer. Cumb. 717-766-0615

Ferguson 35 tractor, 3 pt. hitch chain for 35 13-6-28 chain for MF diesel 175, 16.9-28. Perry Co. 717-834-4488

Top buggy, fair condition. Best Offer. Also Rotweiler puppies. Cumberland Co. 717-532-9275

Double pony harness w/collars, $250.; 3 driving bridles, horse size, $70. ea.; Heavy work hame's pony size. Lebanon, Pa. 717-272-6819

Allis G Tractor w/Woods belly mower, $600. Inspect near Kutztown. 304-358-7103

One Grade Suffolk Ram, 4 years old, $80. Lancaster Co., 717-626-5503.

Timothy and Clover Hay, good for horses or cattle. York Co. 717-432-5047

(2) 500 lb. barn platform seals, $55. each; (3) Perfection kerosene heaters, $15. each. York Co. 717-755-9418

JD 10' 3 lever harrow w/shovels, $250.; Brillion 8' sprocket cultipacker, $125. Good condition. Can truck. York Co. 717-235-2032

Shop Stove, $20.; 60 gallon stainless steel tank, $30.; Steel wheels for skid loader, $150. Lanc. Co. 717-733-6698

AKC Min. Schnauzer male, 8 weeks, ears cropped, groomed, home raised, $175. Will hold till xmas. Schuylkill Co. 717-467-3434

1972 Chev. pickup truck w/cap, $1,000. or Best Offer. Lehigh Co. 215-282-1640

Kitchen table and 8 chairs, like new condition, $150. Berks Co. 215-589-2702

5 mo. old Chairman Son, Dam has 82,672 in 3 lactations. Dauphin Co. 717-362-3058

Family cow, part Jersey, second calf due March. $350. Cumberland Co. 717-532-9090

Wagon w/high sides; disc; cultimulcher; stalk cutter; hydraulic cylinder; '74 Matadar pickup camper. Hunt. Co. 814-447-3383

Saws, 16" Echo new chain, 22" JD new chains; scalding trough like new; Kettle stirrer; #12 sausage grinder; 1 gal. lardpress on new oak benches. Perry Co. 717-582-2366

Vaccinated Holstein heifer due to freshen soon. Noah R. Shirk, R.D.1, Narvon, Pa. 17555. Lanc. Co. South of Churchtown.

1968 Loadstar Int. 16' bed, GVW 26,000 lbs. Asking $1,500. Lancaster Co. 717-768-8440

JD 300, 2 r.n. husker, $2,850; 69 GMC pu, $200. Berks. 215-944-7529

Good used White Majestic coal/wood range, $250. Contact: Jonathan Herschberger, R.D.3, Box 467, Dry Wells Rd., Quarryville, Pa. 19310. Lancaster Co.

Mother and Child... such a heavenly sight to behold! Let that first holy night fill our hearts with love and adoration this season.

It is with a deep sense of thankfulness at this most blessed time of our Christian year that all of our friends that work for Beacon Feeds along with all of our Beacon dealers would like to extend to you and your families best wishes for a

"Merry Christmas" and a
"Happy New Year"

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Phone 717-854-2281

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717-843-4515

(1) 4 yr. old standardbred buggy horse w/snap & style, ready to go. $600. Mondays & Saturdays or after 5 p.m. other days. Jacob Beiler, R.D.1, Box 319, Noble Rd., Kirkwood, Pa. 17536.

1974 Dodge 600, 20' tilt bed, 26,000 gross, good condition. $5,300. Near Chambersburg, Franklin Co. 717-349-7524

White Embden Geese, 2 females and 1 male, mated, laying 50 eggs each a year, gentle, quiet. $30. Berks. 215-987-6098

Ford Parcel Van 1979, 14' enclosed body, auto. trans., runs good, 36,000 miles, needs paint. $4,000. Morris Co. in North Jersey. 201-697-6626

Salt sand spreader box, 7'x10' Wisconsin engine driven; 6" water pump driven by Ford, 4 cyl. Ind. eng. 301-398-7680

NH 256 rake, rubber teeth, $1,475.; NI 323 picker, $995.; JD 14' disharrow, $1,275.; NH 66 baler, $275.; NH 404 crimper, $250. 717-354-0266

100 concrete hog slates, 8' long, $1.00 each. Isaac Lapp, Box 419, R.D 2, Ronks, Pa. 17572. Lanc Co.

Wide front for IH 656 and up, Calumet manure pump, 16' spring tooth harrow. Garrett Co. 301-245-4573.

NH 7' semi mt. mower, $225. Can Deliver. York Co. 717-927-9147.

Snow plow power angle 7½', very solid. Complete hookup, $500. Warren Co., NJ. 201-362-8151.

Three Int. Cub engines, one runs, one takes some work, one for parts. Fred. Co., MD. 301-447-6269.

Root washer, $550; veg dipper, $350. Exc. working cond. Vineland, NJ. 609-697-0234.

Y9200 Industrial riding mower, 16HP, Briggs & Stratton engine, 48" cut, $1,500. Warren Co, NJ 201-689-1816.

JD Cyclone A completely reworked and painted, good rubber, $700 or best offer. Lanc Co. 717-354-0035.

Two Corridale rams Northern Lanc. Co 215-267-6780.

AKC blue eyed Siberian Husky female one year old. Lanc Co. 215-445-4267

3010 JD w/cab, excellent condition, $5,500; 2010 JD gas, $3,200. Somerset Co. 814-267-5263.

Tobacco stripping room, stove, good condition. Lanc. Co. 717-626-4669.

1980 MF 750 combine, 13' floating head, 1163+ 44 corn head; JD 216 forage wagon. Leb. Co. 717-949-3952.

JD 1936 BO tractor, $950; Small corn dray, $200; JD 1937 A, $650. Chester Co. 215-458-8433.

NH 352 grinder mixer w/extended auger and magnetic bars, good condition, $2,700. Lanc. Co. 215-445-5090

Jersey cow, fresh two weeks, milks 14-16 quarts day, gentle. Lanc. Co. 215-445-5834.

Two Bucket-a-Day stoves. Gideon F. Stoltzfus, Box 232-A, Snake Hill Rd., Bird-in-Hand, PA 17505.

Electrolux sweeper tank type on wheels, excellent condition, power nozzle, scrubber, polisher, cond rewind, all attachments $130. Lanc. Co. 215-267-7049.

Three axle, 5th wheel lowbed trailer, 33' deck, hydraulic beaver tail, $3,700. Cecil Co, MD 301-287-5277

Cabbage: Wholesale or retail. Gideon King, R.D.1, Kinzers, Pa. 17535 1 mile northwest of White Horse

Mixed puppies, Keeshound & Cocker Spaniel, good watch dogs, very cute, good Christmas present. David King, 929 Erbs Quarry Rd, Lititz, Pa 17543.

Portable platform scales Lanc. Co 717-626-5751

60" snow blower to fit Int. LoBoy Cub, exc. cond., $250. Lanc. Co. 215-286-9797.

Two 434N JD corn heads for parts, $200 a piece. Somerset Co., NJ 201-874-7849

8" industrial grinder, $25, 2 decoart chairs and magazine rack, $25; fireplace screen, 38"x31", and grate, $20. Chester Co 215-932-3473.

1250 gallon Mueller bulk milk tank; (2) 4HP condensing units, used 4 yrs Call after 6PM, 717-859-3119.

Hot water oil stoker complete, coal & wood stoves and bucket a day, 7' Xmas tree, cost $65, still in box, $10 Sch Co. 717-345-3427

8' locust posts; snow fence, Danbury mint limited edition 12 Waterbird plate collection, gold trim. Lanc. Co. 717-284-4598.

NH 24' bale elevator, $500. Cumberland Co. 717-532-7081.

Top quality rebounder with hand rail, like new, $60 or Best Offer. Jacob Stoltzfus, 42 Golf Rd., Myerstown, Leb. Co.

NH 717 chopper, 1R corn head; chopper for parts, good head. Take all for $500. Leb. Co. 717-866-6048.

Rabbit operation pens indoor and outdoor, does, bunnies, bucks. Adams Co. Call early morning or late night, 717-259-7895.

Used tractor tire chains, 10x28 or 10x30, $40. Bucks Co. 215-822-9696.

Three ton feed bin. Lanc. Co. 717-354-5360.

Glencoe SS-9 soil saver, new cond., $4,200. Chester Co. 215-286-9391.

Koehring heater 150,000 BTU, $350; Aeroid shingle hoist ladder, 26', $950. Chester Co. 215-469-0309.

Cummins diesel power unit snap clutch long shaft, old but good, $800. Chrysler industrial motor, 6 cyl., $200. Bucks Co. 215-536-5175 after 5PM.

1967 Jeep Wagoneer w/7' western plow, not inspected, runs (good for farm), $500. Schuylkill Co 717-345-4363 anytime.

AKC Sheltie pups, shots, wormed. Ben Riehl, Jr., 241 Mascot Rd., Ronks, Lanc. Co. One mi. NW Kauffmans Fruit Farm.

7½HP 3 phase elec motor; also ¾HP 110 or 220 volts, heavy duty. Perry Co. Eves., 717-789-3979.

Large Guernsey heifer freshened in September, easy hand milker, make a nice family cow, $575. Northumberland Co. 717-742-9860.

Foley Bell saw, sharp, all machine, all attachments, practically new. Fulton Co 717-987-3551.

MM 445 tractor, 3 pt., good shape, $1,075; NH 461 haybine, $700; JD 2-14, 3 pt. plow, $250. Perry. 717-438-3563 after 5PM.

Fox chopper 2310, 2R corn head, 5' grass head, ex. cond.; 16x24 Martin silo. Chester Co. 215-593-6958.

Birdsfoot Trefoil hay, 1st and 2nd cuttings, $55 and $65 a ton. Bradford Co. 215-855-7463.

Reg. Hol. bulls, several to pick from. Good pedigrees. Sires Valiant, Pete. 215-932-4194 or 869-3502.

Galvanized steel wire, 9 gauge, used, good condition; 360' rolls, ½ cents per foot. 20%, new price. Chester. 215-942-2379.

AKC registered Collie pups, sable and white, farm raised. Vaccinated Also stubble and mixed hay. Adams Co. 717-632 2413.

JD 420, WF, 3 pt., engine overhauled, rubber LN, turf tires, calcium loaded. Northampton. 7PM-9PM, 215-588-3797.

Five year old standardbred buggy horse, traffic safe, sound, needs more work, $600. Lanc. Co. 215-445-4852.

'36 Ford PU Truck, $600; '36 Ford 1½ ton stake body, $900; 7' sawed locust fence posts. 717-665-3586 keep trying.

Bob sled, good condition, no seats, $200. Fulton Co., PA. 717-573-2816.

Ontario 15x8 hoe drill, later model w/yellow seed boxes. Also NH 469 haybine. Both nice and mechanically good Berks 215-756-6851.

AC WC tractor for parts including 7' sickle bar mower engine seized, $250 complete, Luzerne Co. 717-654-1569.

Lime spreader box, hyd. drive, 4600 gal. SS tank trailer, used fertilizer spinner spreaders. Lanc. Co. 717-354-4996.

One registered Holstein bull out of elevation and several open registered heifers from 18,000M 675F. Herd in Wayne Co. 717-488-6777.

NI 12A manure spreader, good condition. York Co 717-235-1580.

Two horse trailers, step in and ramp, Thoroughbred and Quarter horse type Also 3 pt. rear blade. Berks Co. 215-582-4434.

Purebred Angus bull, 2 yrs., has good bloodline, sire Pine Drive Big Sky Dauphin. 717-533-3031 ask for Dale.

Six black Angus heifers, 800 lbs. average, 62 cents/lb. firm. Cambria Co. 814-886-4377

Farmall hand lift cultivators and plow, 1937 Farmall W30-1939 F20, 6HP Cray Bros. gas engine. Carroll Co. 301-346-7327.

Lancaster Silo, 16x60, roof, fillpipe, distributor, unloader NH manure spreader 518 top beater, hyd. endgate, 220 bu. Lanc Co. 717-548-2272

AKC German Shepherd puppies, black & tan, shots & wormed, good temperment, $125. Lanc. 717-653-2652.

Black and yellow labrador puppies and Favorite rabbit cages. Levi R. Beiler, 225A N. Hollander Rd., Gordonville, PA 17529

IH 1206 diesel, good condition. Would consider trade. No Sunday calls 215-445-5880.

Noble oats certified last year. Don't wait; get ready for spring planting. Not cleaned. 1,000 baskets. Lehigh Co. 215-756-6626.

18 bu. apple bin boxes, sawmill logs, oak, poplar, etc. Berks Co. 215-921-0453 after 6PM.

Green bar stool, like new 215-693-5524.

Four yr. old Rommey white ram, flock sire. Lambs can be seen. Berks Co. 215-987-3236.

NI 10A spreader; IH #2 spreader husker. Leb. Co. 717-949-3074 or 703-879-9926 morning, eves.

Case flat wagon, 6'x14', $150; AC 2 bt. 383 snap coupler plow, $75; cultivator for WD, $75. North'd. Co. 717-758-8170.

AKC Boxer puppies; Rat Trrier puppies and Parakeets. Deposit will hold for Christmas. Queen Anne's Co., MD. 301-778-1919.

Large Ben Franklin wood stove and electric sewing machine. Singer, both in good condition. Lanc. Co. 215-267-5423.

2-Hole corn sheller by hand or motor; reverse motor; compressor 230V, 60CV Bendix Westinghouse; Gehl grinder 80 bu., milk cans. Schuylkill Co. 717-739-4636.

AKC Norwegian Elkhound puppies. Pick now for Christmas; will hold. 8 new wooden varnished kitchen chairs. 215-593-5574. No Sunday Calls.

Taking orders for German Shepherd pups, purebred but no papers. Born Nov. 30. Benuel S. Fisher, R1, Box 333, Strasburg, Lanc Co

AKC German Shepherd pups, black and silver, 8 weeks old, good watchdog. Will hold till Christmas 717-442-8717.

Farmall H, mechanically sound, good condition, $695; Oliver 2 bottom trailer plow, good condition, $295. Berks Co. 215-777-4578 or 777-7586.

B-42 Mack dump truck, 6 cyl., gas, air brakes, 7x9 dump body, very good cond. Lehigh Co. 215-965-9421 after 5.

Package honey bees, 3 lb. package w/queen, $27; 2 lb. package w/queen, $23. Dauphin Co. 717-362-9535.

Top quality 2nd and 3rd cutting alfalfa hay. Berks Co. 717-933-4778 after 4 p.m.

Holstein bull, 6 month old, Sired by Milestone, Dams records 31,000M, 1,200F, 3.9 test. Christian Zook, R.D.2, Gap, Pa. 17527 Lanc. Co. 717-442-4316

1986 TILLAGE & PLANTER PARTS EARLY ORDER PROGRAM

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Box 126 Phillipsburg, NJ 08865	Ph 201/454-7900
1918 Industrial Drive Culpeper, VA 22701	Ph 703/825-3633
P O Box 187 Harrington, DE 19952	Ph 302/398-8100

18 month Reg. Angus Bull, exc. bloodlines. Also NI 272 cutditioner and oats straws. Berks Co. 215-562-5000

Nursery Stock: 15"-20" Cotoneaster plants in 2 gal. containers. .99 cents (700 available). Monm. Co. 609-758-8207

300A portable welder, 4 cyl. engine; 500A 3 phase Westinghouse industrial welder; 5 h.p. 3450 RPM 3 phase motor; new winding. Lancaster Co. 215-445-4518 weekdays.

Dodge 1979 150 4x4, 318 motor, 25,000 miles, rolled over. Sell as unit or parts. Westm'd Co. 412-887-9707

Oats, no spray. Carbon Co. 717-386-4808 after 5 p.m.

Registered Holstein heifer calves, 1 to 8 weeks old, Sired by 7H1436 Incredible ET 7H735 Madello 7H1184 Midnite. Lancaster Co. 717-872-5663

1957 Jeep 4 WD w/snow plow, farm truck, $1,000 or Best Offer. Columbia Co. 717-889-3281 evenings.

40 gal. range boiler, never used, $125.; Polished earthen ware electric churn, $120. Wm. McPeak, 48-Rt 46, Hackettstown, NJ. 07840

Elevator 32', good condition, $325.; Small refrigerator, apt. size, runs good, $30. For den or college. York Co. 717-235-5027 after 5:30 p.m.

Potato bags: 12,000 paper 20 lb. white open mesh printed; 3,000 100 lb. burlap once used. Lehigh Co. 215-395-1213

JD 1240 4 row corn planter w/disc openers, insecticide hoppers and monitor, good condition. Berks Co. 215-689-9354

1 Holstein heifer, due Jan., $575. Noah Martin, R.D.1, Box 336, Port Trevorton, Pa. 17864. Snyder Co.

PTO cement mixer, $250, 8' turf aerator, $350; Pony sulky, $150., 1 ton scale, $450.; 100 h.p. 3 phase motor, $800. Dauphin Co. 717-286-5306

Hawk Bilt 187 spreader hydraulic lids, $750., 18.4x38 tractor tire & tube, $100. Richard Trinca. Centre Co. 814-349-8010

Gleaner E3 self propelled combine, 12' grain head, 2 row corn, field ready, good cond., $2500. Bradford Co., 717-297-3879.

LPS tank 24' x60 x90", 2 licking wheels, $65 Cumb. Co., NJ. 609-825-4603

Cadillac 1968, super clean, good condition, maintained well, asking $750. Chester Co., 215-469-6302.

Beautiful TB Broodmare, 9 yrs. Pa. bred due to foal in March. Stud fee, $1,000. PD. 2,500. To good home. 201-782-6162, Hunterdon Co.

Hay Baler, John Deere, 14T, 1,500. Monmouth Co., N.J. Costa, 201-589-0449.

Brand new Dunham Bush Centrifugal water pump on skids with motor mount, 6" inlet, 850 G.P.M. $925. Lanc. Co, 215-445-4305.

Winchester Model 9422 made by Winchester, $200. Farmall Cub with Int'l. mower, $1595. 7.7 Jap rifle with bayonet, $165. 717-244-7913.

JD 3 bottom plow, $350. Model 43 corn sheller, $150. IH 8' wheel disc, $600. Hunterdon Co., 201-735-9038.

Large pony work harness w/18" collar, $100 Angora Bucks, $175. Pair, spinning wheel, $140 Ocean Co., 201-657-0565.

10,000 bales Alfalfa Timothy hay, no rain made by June 30, $69/ton. Cash and carry. Somerset Co., 814-634-8738.

Crust Buster Grain Drill, 20x8 offset DD openers, 3 pt., good condition. Dauphin Co., 717-367-7639

Salvaged barn doors, approx. 12'x9' and 11'x8', good condition. Also, used lumber. Lebanon Co., 717-867-2384

Double 3 clay milking parlor with feeders. Round hay rack, concrete watering trough, '74 Nova, V8, AT. York Co., 717-292-1405.

Pick your pup for Christmas! AKC registered Boxer pups. Males and females, born Nov. 30, '86. Cute and lovable. 717-334-8203.

New log saver deluxe wood or coal stove, cheap. Amos L. Stoltzfus, Strasburg RD1, Box 215, Pa. Lanc. Co.

Bushhog disc, 16½' cut, good shape, $2,000. 301-348-5378, Kent Co., MD

'77 GMC ¾ ton 4 wheel drive, big tires on white spokes, $4,500/best offer Jefferson Co, W.Va. 304-876-6653.

NH#456 mower, used 5 seasons, very good condition NH #404 crusher Sylvan Lapp, R1, Swan Rd., Atglen, Pa. 19310. 3 mi. E. of Gap.

Reed Canary Grass, no rain, very nice, 5" diameter hydraulic cylinder, 5 speed bicycle, Domestic sewing machine. Berks Co., 215-367-7256.

Reg. AQH 14.2 hands, well trained, very gentle, asking $500. Lancaster Co., 717-786-4867.

1965 Ford tank truck. Excellent condition. Clean tanks, 1500 gal. $2500. 301-658-2900 days.

ACWD tractor, $900. White Disc Harrow, $1800. Super 92 Combine, 12' cut, $1250. Sch. Co., 717-345-4015.

Minnich Tobacco Press, good condition, $135. Lancaster Co., 717-733-1048.

27' Montone Dump Trailer, pair, 18-4-28 snap on duals for AC - 17 disc JD grain drill. Bucks Co., 215-249-3900.

1975 Int'l. ½ ton pickup, 4 wheel drive, new paint and flatbed, 48,000 original miles. Also, corn silage. Lebanon Co., 717-949-2350.

Heavy Duty 13" Rockwell wood planer. A-1 condition. 215-445-4935.

560.D Good TA, clutch, brakes, motor, rear, 3 point, rubber or steel. Oliver 3.16 trailer. Replace by bigger tractor. Offer. Berks Co., 215-682-6141.

Eggomatic Grader, double track with Kuih washer dryer, 14 cases/hour. Berks Co., 215-944-7403.

AKC Pomeranians, females and males, most proven breeders, free whelpers. Also female white Toy Poodle, AKC, adult. 717-354-2078. Lanc. Co.

Moving Sale: Craftsman 21" Rototiller, 5 speed, 9 position handle, new engine, $350 or best offer. 5/8 in. - ½ in. garden hose. 717-865-4375.

One overhead garage door, 8x7, and one 9x6½, $35 each. One 8x10, $50. Maytag wringer washer, good, $150. Berks Co., 215-488-1541

Rebuilt square tub washing machine, $200. 400 Warm Morning coal heater, very good condition. Aaron Hertzler, RD1, Box 471, Charlotte Hall, MD 20622 St Mary's Co.

IH 1066 tractor, 1335 original hrs., excellent cond., best offer. Call after 5 p.m., Berks Co, 215-589-2385.

1000 gal ice bank milk tank, 2 inch pipe line. Daniel S Yoder, RD2, Gap, Pa. 17527 along Rt 30.

For rent: 150 acre dairy farm close to Shippensburg, 28 stanchions, $650/mo. Heifers, milk goats, 73 Chev. 4x4, $1600. 717-733-6802

Flat wagon 6 ton gear, $550. Tye no-till, $2500. Hay Alfalfa; horse hay mixed. JD drill, $800 Franklin Co., 717-532-7837.

2-36" Ventomatic fans, W.O. motors, good condition. $60 ea. 2 Cabinet sinks, $10 ea. 1"x2"x4', 1"x2"x5' welded wire galvanized, Dau. Co., 717-367-2033.

Old lumber from farm buildings. IH 16 disc drill with grass seed & fert., good condition, $800. Carrol Co., 301-756-2087.

New Idea manure spreader, size 12A, good condition, $800. Lehigh Co., 215-298-2974.

600 Gallon Esco milk tank with agitator, ½ horse motor. Cow stanchions with water bowls. Best offer. 301-658-2015. Cecil Co.

Wood stoves for sale: (1) Suburban air-tight wood/coal unit w/blower, (1) cook stove wood/coal. $75 ea. 717-536-3236 Perry Co.

Electric Shallow Well Water Pump; Lehigh #74 vacuum pump; Electric heating fan. Benuel F. King, R.D.1, Box 257, Kinzers, Pa. 17535.

119,000 BTU ceiling oil furnace w/hangers, 275 gal. fuel tank, 300 gal tank w/rotary pump. Leb Co. 717-273-8085

Registered Angus heifers, Sire Noble Count. Ideal and Wye Dams from $300 Sussex Co 201-383-7731

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Will board up to 35 heifers at $1 a day. Quality silage hay mineral. Lanc. Co 717-442-8223.

FREE: Several thousand feet barb wire. You take down. Most of it new Columbia, PA, Lanc Co. 717-684-3975.

Trade Holstein Family Cow and Bred Heifer, 13 mons. old; For riding horse. Will consider saddlebred or other. Any county. 717-868-6407

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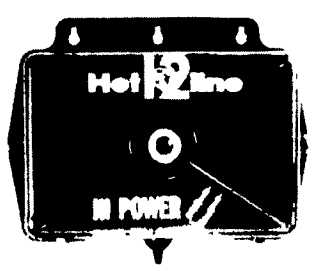

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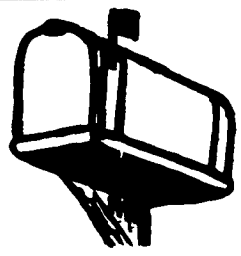

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Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper, no business ads accepted

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Lititz, PA 17543

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NH baler, rebuilding in my shop this winter. John J Beiler, 41 Slaymaker Hill Rd., Kinzer, PA 17535 Lanc Co.

AKC STUD SERVICE for Great Pyrenees, St Bernard, Labrador Southern Lanc Co 717-548-3814.

Heifer boarding, $1 per day. Includes heat detection, worming,grain, minerals, ideal facilities. Leb. Co. 717-964-3742.

Registered Pygmy Goats, taking orders for April, May delivery. Montg. Co., 215-828-1715

Cairn Terrier Stud Service. 717-437-2431.

FREE to good home, 10 week old mixed breed male puppy. Lancaster Co 717-665-5683 or 627-0179

MAILBOX MARKET

WANTED

Howard rototiller, any condition. Chester Co. 215-383-0657.

12" or 15" bucket for JD 350 backhoe. Reasonable. 1209 Eagle Rd., Newtown, PA 18940. Bucks. 215-968-2649.

2 pt. fast hitch rollover single bottom plow for Super C. Must be Reasonable. York Co. 717-428-1012 anytime.

Hired help wanted for summer 1986. Emanuel B. Beiler, 255 S. Groffdale Rd., Leola, PA 17540.

26" potato grader complete. Potter Co. After 6PM, 814-274-7725.

Used Jamesway lever, yoke type stanchions. Lanc. Co. 717-859-1523.

Crankshaft for 420 Case gas engine or may consider complete engine. Call Nanty Glo, Cambria Co, 814-749-9047.

Small oscaliting sander, 9" Rockwell table saw, $75, fair shape; new 13" car chains, $12. Leb. Co. 215-589-4773.

Young Christian couple desire to rent a house in 10 mile radius of New Holland. 717-393-9698.

Used carriage with fiberglass body State price and condition. Ezra Beiler, Box 242, New Providence, PA 17560.

"Tips" paid for leads eventually allowing me to purchase, salvage old farmhouse flooring. Will travel! Adams Co Days, 717-334-5740.

Farmall Cub tractor, must be in good condition Montg. Co., Collegevile, PA 215-584-4703.

Used steam cleaner, good shape or high pressure washer w/self heating water. Lanc. Co 717-664-2207.

Buy or Rent: Self contained travel trailer, prefer tandem axle, 20' or less. Have hitch & towing equipment. Need for 8 week trip. 717-273-7394 eves.

1¼" Finned Hot Water Heating Pipe in good condition. Rock Co., NY. 914-356-3893 after 6 p.m.

Help Wanted: Someone to help w/farm chores while owner recovers from surgery. Lebanon Co. 717-273-8355

10' stalk shredder. Centre Co. 814-349-8010

Mounted corn planter for Farmall C. York Co. 717-235-5189

Antique JD tractors on steel wheels in any condition. Salem Co. 609-358-7468

Road Grader, prefer Cat. #12 or #212, any condition considered. 301-287-5277

Oats, 2½ tons. Chester Co. 215-644-1754. Ask for Mrs. Barnett.

Old Walnut farm table or old pine table. Box 21, Lititz, Pa. 17543 717-626-7854

MF 510D combine, quick tach or 750D Berks. 215-944-7529

Six row narrow corn head for NH TR70 combine York Co. 717-456-7375

Milk cans, Grade A cond., Fuerst flexible tine harrow. Daniel S. Mast, R2, Box 330, Dover, DE 19901. Kent Co

Engine for 574 diesel, 239 cu inch, need block or complete engine or would sell for parts. Leb. Co 717-949-3952.

Couple that is interested in optanic farming. Paul F Yerger, St. Auburn, PA 17922. Schuylkill Co. 717-754-4661 eves.

Hand clutch for Farmall H Somerset Co. Robert Vought, RD1, Box 206, Meyersdale, Pa. 15552, 814-662-2177.

Parts for Allis Chalmers B Chester Co, 215-932-8633

Full grown AKC registered female Golden Retriever 717-665-4985

Aluminum storm sash, 32x55. 717-933-4828

Sale Reports

A Public Sale of real estate and antiques was held December 14 for the estate of Erwin J. Miller, 2 miles north of Bird-in-Hand, Lanc. Co., Pa. There were 210 registered bidders at the sale.

The 1.08 acres of land with a 3 bedroom white Holland brick house and two-car garage was sold for $75,000 to Miller's son, Jonas Miller, Pleasant Drive.

Other prices included: 1976 Pontiac Bonneville $1100, quilt $475, upright freezer $220, 30-06 rifle with scope $410, set of stainless steel cookware $380, refrigerator $265, ice cream dipper $60 and 40 silver dollars $13 to $25 each.

The auctioneers were Steve Petersheim and Steve Petersheim, Jr.

A Public Auction of tractors and farm implements was held December 14 by Melvin W. Gaskill, at Girdletree turn left on Taylor Landing Rd. and go to County boat landing.

Some prices received were: M.F. 1080 tractor $4000, M.F. 1085 tractor $6700, M.F. 1155 tractor $9550, M.F. 510 combine $8200, M.F. 64 blade disc $3300, J.D. 8700 4-row planter $4500, Quick disc $260, M.F. 4x16 3 pt. plows $370, sub soiler $135, Ferguson chisel plow $700, Ferguson 8' chisel plow $600, Clark 200 gal. sprayer $320 and offset Bush Hog $1550.

Pete Richardson Auction Sales conducted the sale.

x x x

A Public Sale of household goods was held December 14 for the estate of Dorothy Spiece of Seven Valleys and machinery was sold from the estate of Clair Myers, R.D. 1, Spring Grove, Pa. at Wehrly's Auction.

Some prices included: C-Farmall tractor $600, hide-a-bed sofa $500, G.E. refrigerator $335, RCA television $375 and reclining chairs $200 and $180.

Charles and Scott Wehrly were the auctioneers.

x x x

A Public Auction of farm machinery was held December 14 for Gary A. Reger, 123 Sunmeytown Rd., Harleysville, Pa. There was a good attendance at the sale.

Some prices were: Ford 860 tractor $1900, J.D. B tractor $525, lime drill $70, manure spreader $125 (not complete), Bush Hog $110, 1979 Ford F350 truck $1700, J.D. 5-B plow $275, flat wagon $65, N.I. corn picker $1525, elevator $100, rototiller $105, log splitter $240, platform scales $62.50 and small band saw $40.

Henry K. Freed & Sons conducted the sale.

x x x

A Public Auction of farm machinery and household goods was held December 14 by Mrs. Otis Kiser, RD 2, York, Pa. on Lake Road.

Some prices were: Mont. Ward LG tractor $450, Mont. Ward 6 hp. LG tractor $120, farm dump trailer $61, David Bradley rototiller $55, David Bradley garden tractor $100, David Bradley garden tractor w/sickle bar mower $50, aluminum extension ladder $56, McCullock chain saw $46, Sears ½ h.p. air compressor $80, Jacobson rotary mower $90, deep freezer $75, picnic table $21, mantel clock $17, kerosene stove $10, clover seeder $5 and window fan $7.

Blaine N. Rentzel and Nevin & Ed were the auctioneers.

x x x

A Public Auction of real estate was held December 13 by Arlene M. Groff at the intersection of Loop Rd. and Lexington Rd., Elizabeth Twp., Lancaster Co., Pa.

Two large frame apartment buildings with 10 units were sold for $144,000. The property has a lot size of 1.8 acres with fruit trees, and a well and septic system.

The sale was conducted by Al. Reist and Art Reist, App.

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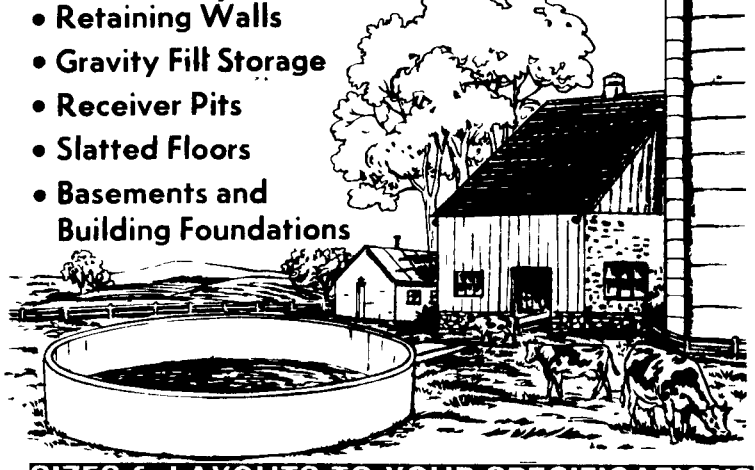

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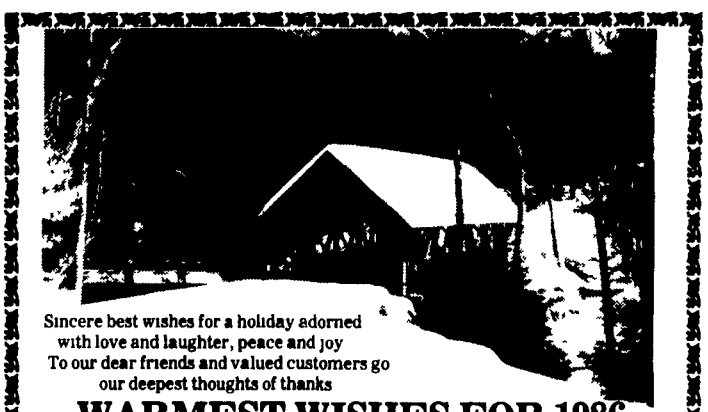

Sincere best wishes for a holiday adorned with love and laughter, peace and joy
To our dear friends and valued customers go our deepest thoughts of thanks

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8 AM-5:30 PM
Sat. 8 AM-2 PM

Public Auction Register

DECEMBER

THURS. DEC. 26 - 12 Noon Holiday Sale. Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auct.

FRI. DEC. 27 - 1:30PM State Graded Pig Sale at Westminister Livestock Auction, Westminister, MD.

FRI DEC. 27 - 10AM Farm Eq. & Dairy Herd Dispersal. Located on Pea Ridge Rd., west of Frostburg, MD, near Avilton. Formerly owned by Arlen Miller. Laverne & Judy Keech, Owners. Clark A. Yoder & Robert L. Custer, Aucts.

FRI. DEC. 27 - 11AM Farm Eq. Located: 7 mls. W. of Wabash, IN, on 24 to Richvalley, then S. 2 mls., then E ¼ mi. on Elliott Rd ; OR St. Rd 124 W. of St Rd. 13 to 550W, then N. to Elliott Rd., then W. 1 mi. Melvin E. Heck, Owner. Schrader Real Estate & Auction Co.

FRI. DEC. 27 - 12 Noon Total Service Station Liquidation of Modern Eq. / Parts. For: Gordon's Getty. AT: The Former Montg. Co. 4-H Grounds, Snyder Rd., Lansdale, PA. (Off Valley Forge Rd. (Rt. 363) bet. Main St. (Rt. 63) & Sumneytown Pk.; 4 mls. E. of Lansdale Exit of PA Trnpk. Sanford A. Alderfer, Inc., Aucts.

SAT. DEC. 28 - 10AM Farm Eq. Located along Covered Bridge in Oley Twp., Berks Co. Terms by Dan & Mildred Mast Horning Farm Agency, Inc

SAT. DEC. 28 - Trucks, Tractors, Trailers, Implements Located Robert Williams Farm, Pemberton Drive, Salisbury, MD. Robert Williams, A. Franklin Holloway, B. Frank Adkins, Raymond Holloway, Owners. Pete Richardson Auction Sales

SAT. DEC. 28 - 1PM 220 Acre Perry Co. Woodland. Take Rt. 22/322 W. to Millerstown Exit. Follow signs to Rt. 17 S. Go approx. 8 mls. S. on Rt 17 to Dever Hollow Rd Turn (to property 2 mls. on left Ordered by Racoon ntain, Inc Kerry Pae neers

SAT. DEC. 28 - 12 Noon Farm Machinery Located 1 mi E of Dauphin Co., PA; Off 225 at Yuts Rd Wm. Belack, Owner. Kling's Auction Serv.

TUES. DEC. 31 - 7:30PM Holiday Sale. Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auct.

TUES. DEC. 31 - 11AM Mr. & Mrs. Wm. H. Wallace Farm Mach Auction. Located on County Rt. 36, approx. 2 mls. SW of Atlanta. Owned by: Jim Wallace. Pirrung Auctioneers, Inc.

JANUARY

WED JAN 1 - 1:30PM Toy Consignment Auction, old and new. Located Paradise, PA, at the firehall. Robert E. & Jeffrey R. Martin, Aucts 717-768-3554 or 768-8714.

WED. JAN. 1 - Farm Eq. & Tools. Located RD1, New Holland, PA. E. of Hinkletown off of 322. David L. & Enda Z. Weiler, Owners. Paul E. Martin & John D. Stauffer, Aucts.

WED. JAN. 1 - 10AM 5 Acres Real Estate & Arcade Eq., Hshld, Truck, Toy Trains. Located Along Rt. 322, Hinkletown (Approx. 3 mls. E. of Ephrata) Earl Twp, Lanc. Co., PA. Eshelman's Service Center. Terms By: Horace S. & Mildred B. Eshelman. T Glenn & Timothy G. Horst, Aucts.

WED. JAN. 1 - 9AM Large Antiques & Collectables Sale. Farmersville Auction in Farmersville, 3 mls. E. of Brownstown, Lanc Co., PA.

WED. JAN. 1 - 9AM Tractors & Eq. From I-81 S. of Martinsburg, WV, take Exit 5 (Inwood), Rt. 51 E. approx. 3½ mls. to Shutt's Cash Grocery (formerly Haines') turn right, 2 of mi to sale Edgar A. Bohrer, Sale Mgr.

FRI. JAN. 3 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

SAT. JAN. 4 - 9AM Real Estate, Antiques, Hshld., Auto, Animal Heads. Located: Strinestown, PA, Between York & Harrisburg, PA, E. of Exit 12, ¼ mi. Mrs. Grace Wertz. Blaine N Rentzel, Auct.

SAT. JAN. 4 - 10AM Sechrist Sales Eq. Dispersal of Trucks, Tractor, Farming Implements. Located approx. 5 mls. S. of Stewartstown, York Co., PA, near New Park. Robert L. Sechrist, Owner. Sechrist Sales Co. Livestock Auction.

FRI. JAN. 10 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI. JAN. 10 - 10AM Farm Mach. & Dairy Eq. From Blue Ball take Rt. 23 E. to Rt. 625, turn left onto Rt. 625, go approx. 1½ mls. to farm on left, East Earl Twp., Lanc. Co., PA Terms by: Mervin & Anna Mae Martin. Roy Good, Jr., Randall V. Kline & Lloyd Kreider, Aucts.

SAT. JAN. 11 - 9:30AM Farm Mach. Located Henry Zdancewicz, Wood-z-Lane Farm, Rt. 537, Freehold, NJ. Directions: Rt. 537 (Farm in back of Coast Line Eq.) W. of Freehold Area Hospital. Norman Parker, Sale Mgr. Lee Parker, Auct.

TUES. JAN. 14 - 4PM Farmersville Auction in Farmersville, 3 mls. E of Brownstown, Lanc. Co., PA.

SAT. JAN. 18 - 9:30AM I.C.E. Hammer, Hyd. Cranes, Const. & Line Eq., & Vehicles. For: Florida Power & Light Co., Riviera Beach, FL. Vilsmeier Auction Co., Inc.

MON. JAN. 20 - 11AM Robert & Joanne Gruber-Real Estate 48 Acre Farm & Modern Farm Eq. Along Pecks Rd. off Rt. 441 E of Middletown, Londenberry Twp., Dauphin Co., PA C.H. Wolgemuth Auction Service

FRI. JAN. 24 - 10AM Horse Sale New Holland Sales Stables, Inc., New Holland, PA.

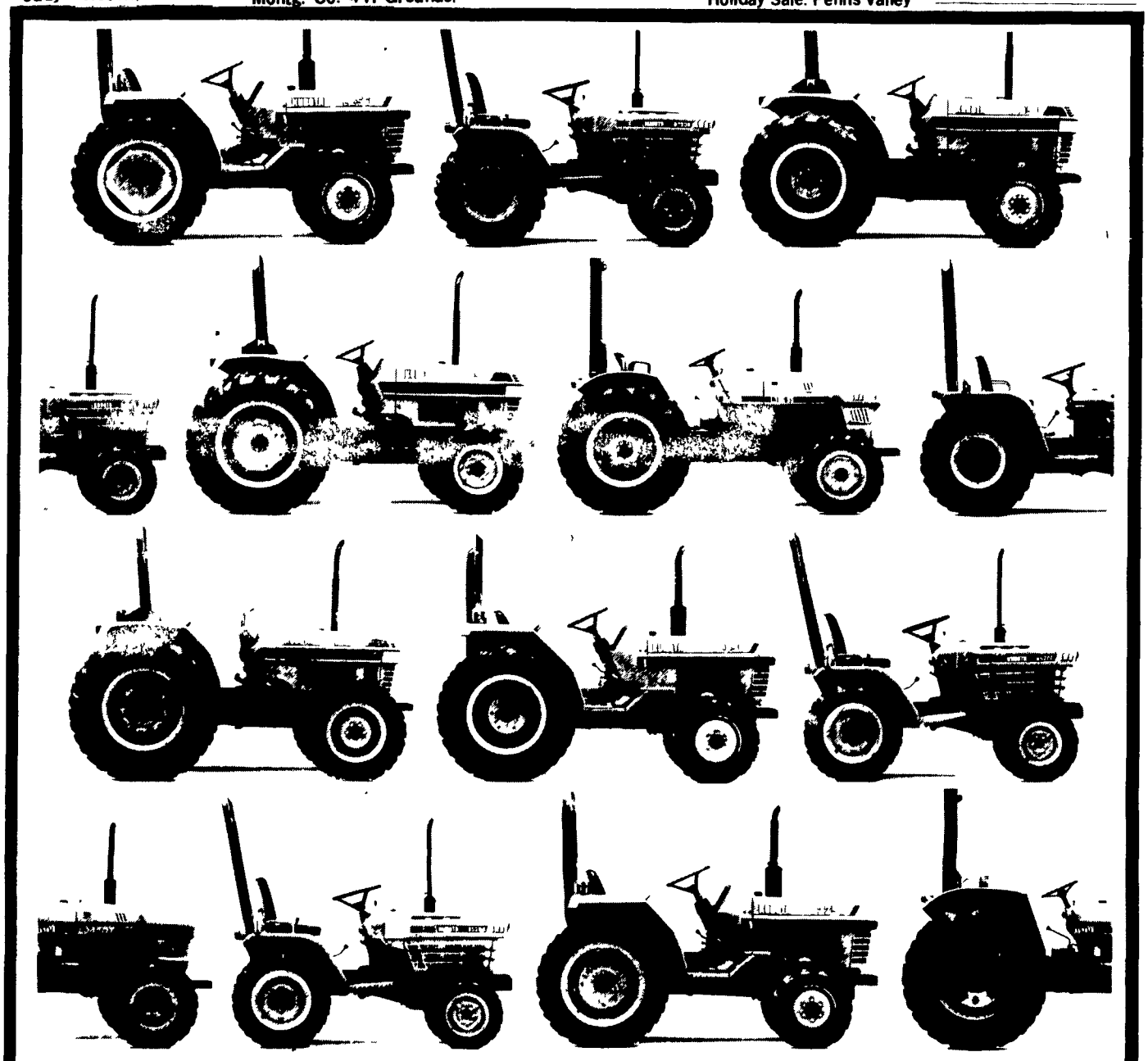
Merry Christmas to All

With sincere thanks for your continued patronage and friendship this past year.

PROFESSIONAL *Auctioneering*

PAUL E. MARTIN
R.D. 1, Box 553
Stevens, Pa. 17578

JOHN D. STAUFFER
217 Andrea Dr.
Lititz, Pa. 17543



NOBODY HAS MORE HORSEPOWER UNDER FORTY.

Under forty horses, nobody sells more tractors than we do. One reason is simple. We give you more choices.

There are sixteen compact sizes, each a different model. One of them should fit you perfectly. And once you settle on the horsepower, there are still more choices.

Pick special options like 4-wheel drive, power steering or a hydraulic shuttle transmission. Or choose a Kubota-made implement, the best match for any of our Kubota tractors.

There are, however, a couple of decisions we've made for you.

For example, Kubota's own liquid-cooled diesel engine comes standard in every model. An advanced design, it's built for efficient operation. So a little horsepower works like more.

We've also chosen the color.

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Nothing like it on earth.

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DALLAS
Penn State Seed Co.
717/675-8585
PA: 1-800/847-7333

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Straley Farm Supply Inc.
717/292-4443 or 292-2631

HONESDALE
Marshall Machinery, Inc.
717/729-7117

IRWIN
Laspina Equipment
412/864-5147

LEBANON
Keller Bros. Tractor Co.
717/949-6501

LITITZ
Keller Bros. Tractor Co.
717/626-2121

NEW PARK
M & R Equipment, Inc.
717/993-2511

REYNOLDSVILLE
McGarvey Equipment, Inc.
814/653-9637

WELLSBORO
Benedict's Ford Tractor
717/724-2839

WEST CHESTER
M.S. Yearsley & Sons, Inc.
215/696-2990

MARYLAND

RISING SUN
AG-IND Equipment Co., Inc.
301/658-5568 or 398-6132

CHESTERTOWN
W.N. Cooper & Son, Inc.
301/778-3464

HAGERSTOWN
Arnett's Garage
301/733-0515

NEW JERSEY

ELMER
Roork's Farm Supply, Inc.
609/358-3100

FLEMINGTON
Poniatowski Bros., Equip. Co.
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609/267-6100

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Rodio Tractor Sales, Inc.
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Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. JAN. 25 - 9:30AM Line Eq., Trucks, Vehicles. For: PA Power & Light Co., Allentown, PA. Vilsmeier Auctin Co., Inc.

WED. JAN. 29 - 9:30AM Lg. Quantity Scaffolding, & Mechanical, Elec. & Contractors Tools. For: Public Service Elec. & Gas Co., Salem, NJ. Vilsmeier Auction Co., Inc.

FEBRUARY

SAT. FEB. 1 - 10AM 83 Acre Farm & Equipment. Location: Cumberland Co., 10 mis. E. of Shippensburg, PA. 2 mis. S. of Centerville on Pine Rd. From I-81 Newville Exit 11, take Rt. 233 S. to second crossroads, turn right to second farm on left at Beetam Rd.

FRI. FEB. 7 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

SAT. FEB. 8 - Farm Eq. & Tools. Located along Rt. 897 between Kleinfeltersville & Schaefferstown, PA. Aaron H. / Stella B. Martin. Paul E. Martin & John D. Stauffer, Aucts.

TUES. FEB. 11 - 9:30AM Farm Mach., Mules, Hay & Straw, Hshld. Strasburg, RD1. Sale by Ruth Z. & Aaron S. Fisher, Jr. Alvin Miller & Elvin Siegrist, Aucts.

THURS. FEB. 13 - 10AM Farm Mach., Mules & Horses. 1 mi. S. of Ronks Johnothan F. & Katie King. Steve & Steve, Jr. Petersheim, Aucts.

FRI. FEB. 14 - Complete Dispersal of Mostly JD Farm Mach. Located 4 mis. W of Wakefield, Drumore, Twp. Robert McCauley, Owner. J. Everette Kreider, Auct.

FRI. FEB. 14 - 10AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

SAT. FEB. 15 - 9:30AM Special Horse Sale. Belleville Livestock Mkt., Inc., Belleville, PA.

THURS. FEB. 20 - 10AM Specializing in Reconditioned Horse Eq., Cub Tractors, & Farm Eq. Located between Soudersburg & Paradise at 2971 Lincoln Hwy. East, 6 mis. E. of Lancaster, Lanc. Co., PA. Terms by: Tom Wheary & Sons. Robert E. & Jeffrey R. Martin, Aucts.

THURS. FEB. 20 - 9:30AM Cattle sold at 12:30. 70 Head Reg. Holsteins, Farm Mach. Narvon, Lanc. Co., PA. Emanuel & Katie Fisher, Owners. Steve & Steve, Jr., Petersheim, Aucts.

FRI. FEB. 21 - Mostly Case Farm Mach. Located 3 mis. E. of Wakefield, Little Brittian Twp. James Ross, Owner. J. Everette Kreider, Auct.

FRI. FEB. 21 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

SAT. FEB. 22 - 9AM Consignment Auction Sale. For Suburban Contractors Assoc., Essington, PA. Vilsmeier Auctin Co., Inc.

TUES. FEB. 25 - Farm Mach. 1½ mis. NE of Intercourse. Amos King, Owner. Steve & Steve, Jr., Petersheim, Aucts.

TUES. FEB 25 - 9:30AM Edwin Horning & Sons Farm Mach. Located: Along Meadow Valley Rd., 1½ mis. W. of Ephrata, Lanc. Co., PA. Horst & Rentzel, Aucts.

THURS. FEB. 27 - 9:30AM Dispersal of High Grade Holsteins, Farm Mach. Whitehorse, Lanc. Co., PA. Elam A. & Dora Riehl, Owners. Steve & Steve, Jr., Petersheim, Aucts.

THURS. & FRI. FEB. 27 & 28 - 9AM Antique Tractors, Engines, New, Used and Abused Farm Mach. Located 10 mis. E. of Lancaster; 2½ mis. W. of New Holland, turn off of Rt. 23 on South Groffdale Rd., turn left on Musser School Rd., Lanc. Co., PA. Terms by: Elias S. Beiler Robert E. & Jeffrey Martin, 656-7770. Blaine Rentzel & Freddy Goodrich, Aucts.

FRI. FEB. 28 - Mostly AC Farm Mach. Located 3 mis. N. of Wakefield, East Drumore Twp. Joe Overly, Owner. J. Everette Kreider, Auct.

MARCH

SAT. MAR. 1 - 9AM 22 Annual Bart Fire Co. Sale, Bart, PA.

SAT. MAR 1 - Farm Eq. & Tools. Located North of Mt. Airy along W. Girlscout Rd., Lanc. Co., PA. Lester E. & Arlene M. Martin. Paul E. Martin & John D. Stauffer, Aucts.

MON. MAR. 3 - Farm Eq. & Tools. Located RD4, Lititz, PA, 3 mis. W. of Ephrata off of 322. Dennis E. & Deena L. Hess, Owners. Paul E. Martin & John D. Stauffer, Aucts.

THURS. MAR. 6 - Farm Eq. & Related Items. Located 244 Burnt House Rd., Carlisle, PA. Ralph Goodling, Owner Foreman, Auct.

FRI. MAR. 7 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI. MAR. 7 - 9AM Spring Machinery Sale. Located Belleville Lvstk. Mkt., selling all kinds of machinery on consignment. Belleville Livestock Mkt., Inc.

SAT. MAR. 8 - 8:30 AM - 17th Annual Commission Sale by Gordonville Fire Co. Located at the Fire Hall, Gordonville, 10 miles east of Lancaster on Rt. 30. Turn North on Leacock Rd. at Paradise, approx. ½ mile to sale. Household Goods, Farm Equipment, Quilts & Antiques. Ron Funk & Local Auctioneers.

SAT. MAR. 8 - 9:30AM Farm Eq. & Hshld. Located along Rt. 341 midway between Lawn & Deodate, Dauphin Co., PA. Sale by: Carl H. Snavely. Raymond Miller, Auct.

MACHINERY ABSOLUTE AUCTION

SAT., DECEMBER 28, 1985

-12:00 NOON

Located 1 Mile East Of Gratz, Dauphin Co., Pa.: Off Route 225 At Yuts Rd.

FARM MACHINERY

M.F. 1135 Tractor - 1977 - Cab- Multi- Power; M.F. 165 Tractor - 1967 - Gas; Int. 806 Tractor - 1965- Narrow Front- Gas; A.C. WD45 Tractor with Cultivators - Narrow Front; M.F. 760 Diesel Combine - V8 Hydro-diesel-Cab & Air- Good Shape; M.F. 63 C 6-row Cornhead- 30" (Sold with Combine); M.F. 16' Grainhead; M.F. 820 22' Transport Disc- 1978; A.C. 6-row Cornplanter (narrow row) with insecticide hoppers - dry fertilizer-1976; Oliver 6-bottom Hyd. reset plow; Brillion 18' Transport Harrow; Walsh 300 Gal. Fiberglass Sprayer; New Idea 160 bu. Spreader - flail type; J.D. 4-bottom Plow - 3 pt; Smoker 24' Hay Elevator; 3 Flat Bed Wagons; FMC Flatbed Tomato harvestor; Holland 3-row Transplanter; Liquid Manure Pump- 6"- P.T.O.; 1966 Ford 1000 gal. s.s. Sprayer Truck with front-wheel drive; 1948 Int. Silage Truck - N.H. Box; 1960 Brockway - single axle Truck Tractor; 1964 Parker 22 - Tandem Dump Trailor; 1-40' Tandem Flat Trailer; 3-35' Tandem Axel Flat Trailers; 1960 Chevy Truck with 1600 gal. Tank; 1925 Chevy Cab & Chassis; 6000 gal. Tandem-axle Tank Trailer; (Short Sale - No Small Items)

I.D. Required for Bidder's No.
Not Responsible for Accidents

Owner, **WILLIAM BELACK,**
R.D. 1, Lykens, PA
Sale by: Kling's Auction Service
Landisburg, PA
Lic. #500

H & H Auction

Every Thursday Night, 6:00 P.M.

Located on Strasburg Rd., Coatesville, ½ mi. East of Stottsville Hotel and 1 mile West of Rt. 82.

Household Goods & Appliances sold at every auction.

Consignments accepted.
Call 215-384-7647

Visit our used furniture and appliance store, 50 pieces of appliances at all times.

Auctioneer:
Richard Dunlap AU001605L

PUBLIC SALE

OF REAL ESTATE & LUMBER

SATURDAY, DEC. 21, 1985

@ 2:00 P.M.

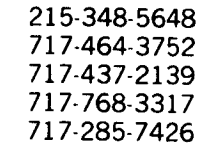
Located 3 miles south of Honey Brook along Beaver Dam Rd. Take Rt. 10 south to Beaver Dam Rd., turn left 1 mile to property.

Ral Estate consists of 57.6 acres of land. 20 acres tillable and in high state of cultivation; remainder pasture & woodland w/some large timber. 1700 ft. of road frontage on Beaver Dam Rd. and 281 ft. on Birdell Rd. Deed Reference: B-61, Pg. 105, Chester Co. Records. TERMS: 10% day of sale; settlement by Jan. 21, 1986.

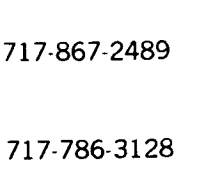
Approx. 3,000' of used alum. roofing; 1500 sq. ft. of channel drain roofing; Sliding doors, 200' steel door track & hardware; Plywood; Doors & windows; Asst. used lumber - 2"x6", 4"x4", 3"x5", 2"x8" (various lengths); Steel beams - 6"x12"x5"x10", 8"x8" (approx. 30 pcs.).

Terms By:
EMMANUEL & REBECCA K. ESH
Alvin Horning, Auctioneer
#AU-000433-L
HORNING FARM AGENCY, INC.
215-286-5183

PUBLIC AUCTION



New Holland Sales Stables, Inc.
New Holland, Pa.



Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, JANUARY 3, 1986

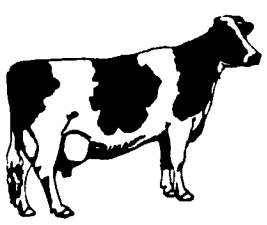
SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

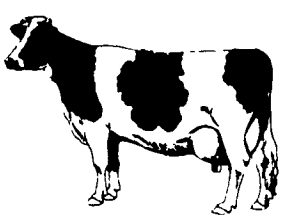
A list of your sale items must be in our office by Monday, December 23 to be included in our complete listing in the December 28th issue.

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

PENNSYLVANIA SIXTH ANNUAL HEIFER SALE FOR WORLD RELIEF



THURSDAY, MARCH 13, 1986--11 A.M.
Guernsey Sales Pavilion
Lincoln Highway East, Lancaster, PA.



Donations will be accepted of registered or grade Holsteins, or any breed, bred or open heifers, registered 6 mo's, or older and grades 1 yr. or older, catalog information needed by Jan. 25, 1986

For information contact:

Kenneth Beiler-Gap, Pa	215-593-6434
Sam Beiler-Winfield	717-374-9649
Harold F Crider-Chambersburg	717-597-3965
J Wilmer Conrad-Lititz	717-626-1736
Earl Fuhrman-Hanover	717-637-9593
Abner Glick-Mifflinburg	717-966-2036
Harold H Haldeman-Doylestown	215-348-5648
John Harnish-Lancaster	717-464-3752
Jason Hertzler-Milton	717-437-2139
Eby Hershey-Intercourse	717-768-3317
Arlin Keener-Mountville	717-285-7426
Nevin Mast-Oley	215-689-5412
Clyde W Martin-East Earl	215-445-6008
John Martin-Conestoga	717 872-2567
Paul Martin-Stevens	215-267 6460
Kore J Peachey-Milroy	717-667-3107
Sylvian Ressler-Quarryville	717-786-2103
Harold Shellenberger-Mt Joy	717-653-5663
C L Stoltzfus-Elverson	215-286-5995
Clarence Stoner-Jonestown	717-865-2745

Watch for a detailed sale listing at a later date

Auctioneers:

John Umble-Atglen	215-593-5756
Lee Kurtz-Cochranville	215-593-5387
Omar Stoltzfus-Oxford	717-529-6301

Pedigrees:

Dale Hoover-Lebanon	717-867-2489

Semen:

Leroy Sensenig-Quarryville	717-786-3128

All sale proceeds will be donated to MCC-Mennonite Central Comm. to help clothe the needy and feed the hungry of the world in the name of Christ.

Sales Manager-

Wilmer G Kraybill-Elverson	215-286 957

PUBLIC SALE
OF 83 ACRE FARM & EQUIPMENT
SAT., FEB. 1, 1986
10:00 A.M.

Location: In Cumberland County, 10 miles east of Shippensburg, Pa., 2 miles south of Centerville on Pine Rd. From I-81 Newville Exit 11, take Route 233 south to second crossroads, turn right to second farm on left at Beetem Rd. (Watch for signs).

Real estate to be offered at 1:00 p.m. consists of a farm of 83 Acres (more or less) in 2 tracts. All tillable. Tract #1 consists of 64.4 acres with a 2 story house. 5 rooms & bath upstairs. down stairs has 4 rooms & bath, hot water baseboard heat (zoned). Modern kitchen. Closed-in porch & attached garage. All metal roofs. Good well. Bank barn & good adequate out-buildings including a shed & attached 6 stall horse barn. All are in good repair. Tract #2 consists of 18½ acres (more or less). All level land and good productive Murril Lome Soil. Approximately 5500 feet of road frontage. **Terms 10% down, balance on or before April 1, 1986. Detailed terms & conditions will be read at time of Sale. Inspection of house by appointment only by calling (717) 486-5457. Listing of equipment will appear Jan. 25.**

ROBERT L. SPAHR (Owner)

Art. Rife, Auct. #AU-768-L
Ph-776-3645
John Fowler III, Attorney

PUBLIC AUCTION
ANTIQUES — HOUSEHOLD ANIMAL HEADS
SATURDAY, JAN. 4, 1986
AT 9:00 A.M.

LOCATED: Strinestown, PA — Between York & Harrisburg, PA. East of Exit 12, ¼ mile.

Household & Antiques

Blanket Chest w/2 Drawers On Bottom, Mahogany Dining Room Suite (China Closet, Buffet, Server, Table & 6 Chairs), Oak Wooden Desk, Bedroom Suite (Bed, Dresser, Vanity, Chifferobe, Night Stand), Wall Mirrors, Living Room Suite - Like New (50 Yrs. Old), Umbrella Stand, Brass Bucket, Vases, Floor Lamps, Flower Stands, Smoking Stands, Doll Cradle, Jewelry Box, Dresser, Child's Desk, Single Bed, Rogers Silver Plate Flatware, Pink Depression Service For 8 (Set Will Be Sold Individually), Mantle Clock, Kerosene Lamp, Breakfast Set, 30" Electric Range, Philco Ref., Maytag Auto Washer, Wringer Washer, Wash Tubs, Utility Cabinet, Halls Bowls, Kitchen Appliances, Kettles, Pots & Pans, Carnival Glassware, Steeple Clock, Magazine Stand, 35 MM Camera, Ansco Camera, Bedding, Blankets, Dresser Scarfs, Doilies, Rooster & Hen Chickens, Farm Table, Gibson 18 Cu. Ft. Upright Freezer, Quilting Frame, Kitchen Cabinet Base, Crocks, Metal Toy Car, Carpet Beater.

15 MTD Deer Horns of Various Sizes — 8 MTD Heads, Caribou, White Tailed Deer, Mule Deer, Elk, Antelope, MTD Buffalo Horns, White Tailed Deer Hall Mirror-MTD., MTD Tarpon.

B-115 Wheel Horse Tractor Hydrastatic w/Mower Deck, New Brinley Lawn Sweeper, Parker Lawn Sweeper, Dump 2 Wheel Lawn Cart, Wizzard 22" Self-Propelled Mower, Penna Mower, Power Edger, Drill Press, Vises, Grinders, Tap & Die Set, Misc. Tools, Wood Stove, Wooden Work Table, Bird Houses, Many Cement & Wood Yard Ornaments—Birds & Ducks, Digging Iron, 2 Iron Kettles, Lantern, Double Ladder, Single Ladder, Drop Cords, Kerosene 4 Burner Stove, Stillard Scales, Chain, Snow Fence, Metal Express Wagon, Gun Stock, Scope Tripod, Shoe Lathe, Drills & Bits, Tubs, & Many Items Too Numerous To Mention.

TERMS: CASH OR GOOD CHECK.

MRS. GRACE WERTZ
P.O.A. Shirley Poe
Thomas R. Stone
Atty. John Herrold

AUCTIONEER:
Blaine N. Rentzel
Nevin & Ed
Emgisville, PA
717-764-6412
LIC. #'s: 761-1442-1329

(This Ad Will Appear 1 Time Only)

Kish Valley Buying Station

Located at the intersection of South Walnut Street and the Front Mountain Road adjacent to the Belleville Mennonite School, Belleville, PA, 717-935-5195. Sherman Glick, Owner, 717-248-8960.

Will be receiving cattle Christmas week, Thurs., Dec. 26; New Year's week, Thurs., Jan. 2 from 7 AM - 3 PM.

Receiving hogs, calves, beef cows, and fat cattle.

No commission, no weight loss.
Checks Immediately

Public Auction Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT. MAR 8 - 9AM Potato Eq., Farm Eq. & Tractors. Clair Flinchbaugh, Owner. Blaine Rentzel, Auct.

WED. MAR. 12 - All Kinds of Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B. Rentzel, Aucts.

THURS. MAR. 13 - 9:30AM Consignment sale of Tractors & Farm Eq. Messick Farm Eq., Inc., Rheems Exit, Rt. 283, Elizabethtown, PA. Raymond Miler, Auct.

FRI. MAR. 14 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

SAT. MAR. 15 - Farm Eq. & Related Items. Located RD1, Boiling Springs, PA. Estate of Willis (Ike) Sughart. Foreman, Auct.

SAT. MAR. 15 - 8:30AM Consignment Auction Sale. For: Utility & Trans. Contrs. Assoc. of NJ, Wall Twp., NJ. Vilsmeier Auction Co., Inc.

SAT. MAR. 15 - Farm Eq., Dairy Cattle, Hshld., & Tools. Located 4½ mis. N. of Womelsdorf, ½ mi. off Rt. 419 along Parkside Inn Rd. Berks Co. John W. & Gayle D. Eiler, Owners. Paul E. Martin & John D Stauffer, Aucts.

HECK

AUCTION

NO SMALL ITEMS BE ON TIME — WABASH, INDIANA

FRIDAY, DECEMBER 27, at 11:00 A.M.

LOCATED 7 miles west of Wabash, Indiana, on 24 to Richvalley (700W), then south 2 miles, then east ¼ mile to Elliott Road; OR St. Rd. 124 west of St. Rd. 13 to 550W, then north to Elliott Rd., then west 1 mile.

JOHN DEERE 8820 D COMBINE 22' PLATFORM
JOHN DEERE 843 CORN HEAD - JOHN DEERE 8640 D
JOHN DEERE 2510 GAS - HEADER TRAILER

1980 JD 8820 D, 30.5Lx32 tires, rear wheel assist, block heater, heater, air conditioner, AM-FM radio, header control, chopper, long auger, extra lights, 2550 hours, w/Mod. 222 JD flexhead, tiger jaw; JD 843 corn head; 1980 JD 8640 D, quad range, 20.8x38 duals, radio and tape player, heat and air, extra lights, 3 pt. hitch, PTO, 3 remote, block heater, 1960 hours, 50 series engine update; 1969 JD 2510 gas, narrow front, major overhaul last year, 15.5x38 tires, radio, 2 remote, front weights; 28' Binkley flat trailer for header.

JOHN DEERE 16 ROW FRONT FOLD PLANTER - JOHN DEERE 7-16 ON LAND PLOW - HINIKER 42' FIELD CULTIVATOR - 39' KRAUSE DISC - 30' GLENCOE FIELD CULTIVATOR JOHN DEERE 2800, 8 BOTTOM PLOW - GILMORE TATGE DUMP WAGON - (2) ALLIS CHALMERS 12 ROW CULTIVATORS 28' JOHN DEERE HOE - JOHN DEERE TRAILER SPRAYER HEAVY SNOW BLOWER - 7½' ROTARY MOWER - GRAIN AUGER FLATBED TRAILER - AIR COMPRESSOR - HYD. LIFT TAILGATE

1980 JD Mod. 7000, 16 row front fold planter, full digital monitor, end fill liquid fertilizer, insecticide, squeeze pump; John Deere 7-16 Mod. 1450 on land plow; 1980 Hiniker 42' field cultivator with walking wheels and harrow; 39' Krause disc with rock flex shanks and mounted harrow; 1980 Glencoe 30' field cultivator danish tine, rolling basket, hydraulic fold, used very little; 1980 JD 2800 plow, 8 x variable 14" to 24", on land plow; Gilmore Tatge hydraulic dump wagon, 300 bu. with silage top; (2) AC cultivators, 12 row x 30", 3 pt. solid shank, rolling fenders, hydarulic fold; JD 28' rotary hoe Mod 814, end transport; JD Mod. 550, 500 gal. fiberglass tank, pull type sprayer with 30' hydraulic fold booms and PTO pump; 10' Lorenz heavy snow blower; 3 fan, 3 spout, PTO, 3 pt.; Caldwell 7½' pull type rotary mower; Bush Hog grain auger, 56'x8"; tandem axle trailer with 7x16 flatbed and 8" wheels; (2) used 18.4x38 tires; Kellogg-American portable air compressor on skids and 8 HP Wisconsin electric start engine; New Parker hydraulic lift gate for pickup; JD fast hitch; 300 gal. poly saddle tanks and mounting brackets.

FORD C-750 TANDEM WITH 22' BED - FORD LN 700 WITH 16' BED - IHC MOD. 4070 TRANSTAR TWIN SCREW SEMI TRACTOR - 38' FRUEHAUF HOPPER TRAILER 25 TON LOWBOY TRAILER - 16' COWBOY SHOP STOCK TRAILER

1965 Ford C-750 custom tilt cab, 22' Mooresville bed, 391 cu. in. V-8, 5 speed, 2 speed, 10:00x20 tires, power steering, twin hoist; 1974 Ford LN 700, 361 cu. in. V-8, 16' Midwest bed, scissor hoist, auxiliary fuel tank, swing down hitch, approx 60,000 miles, NICE; 1970 IHC Transtar 4070 twin screw, sleeper, 318 Detroit diesel, 13 speed Fuller Road Ranger, 10:00x20 tires; 1975 Fruehauf 38' aluminum steel hopper bottom, roll top, 10:00x20 tires; 35' 1973 General 25 ton tandem axle lowboy trailer; 1981 Cowboy Shop 16' livestock trailer (very clean)

TERMS: Cash
Lunch Served

Owner **MELVIN E. HECK**
(219) 563-4335

Not responsible for accidents

Auction Conducted By:
Rex D. and Denzil Schrader
SCHRADER REAL ESTATE AND AUCTION COMPANY
209 W. Van Buren, Columbia City, IN 46725
Phone: 219-244-7606 or Ft. Wayne 625-3373
Central Indiana Office
Loren E. Winger - Phone: (317) 395-3351

PUBLIC SALE

From Interstate 81 South of Martinsburg, W. Va., Take Exit #5 (Inwood) W. Va., Route 51 East approximately 3½ miles to Shutt's Cash Grocery (formerly Haines') Turn right-.2 of a mile to sale—OR—From Charles Town, W. Va. Take Route 51 West, Go approximately 8½ miles to Shutt's Cash Grocery - Turn left-.2 of a mile to sale.

WEDNESDAY, JAN. 1, 1986
AT 9:00 A.M.

TRACTORS AND EQUIPMENT: Approximately 20-25 tractors including Cubs, Fords, John Deere, Internationals, Fergusens, and other tractors. We will also be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 foot blades, post hole diggers, discs, wood saws, rakes, balers, round balers, grain elevators, corn pickers, 2 and 3 axle trailers, and other farm related articles.

We will also be offering a good selection of NEW AND USED TOOLS – Canned goods, hams and other food items – Some household articles - Cuz of Pennsylvania will be here with watches, tapestries, and sewing material.

We will be selling some new and used tools and other articles which belonged to the late Charles Sims.

TERMS: CASH OR GOOD CHECK. NOTHING TO BE REMOVED UNTIL SETTLED FOR. ID required to acquire bidding number.

SALE MGR.,
EDGAR A. BOHRER
W. Va. Lic. #18-86
304-229-8354

NOTE: THIS IS A CONSIGNMENT SALE. Let us turn your unused farm articles, household articles, and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

ORDER OF SALE: SMALL ITEMS–Tools, household articles, food, etc. will be offered promptly at 9 a.m., Tractors and equipment will be offered promptly at 12 Noon.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

AUCTION
TOTAL SERVICE STATION LIQUIDATION
MODERN EQUIP. & PARTS
For: GORDON'S GETTY

At: The Former Montg. Co. 4-H Grounds, Snyder Road, Lansdale, PA. Off Valley Forge Rd. (Rt. 363) bet. Main St. (Rt. 63) & Sumneytown Pike; 4 mi. east of Lansdale Exit of PA Trnpk.

FRIDAY, DECEMBER 27, 1985
12:00 Noon

Equipment FMC Tire Changing Machine, Kwickway Brake Drum & Rotor Machine, Owatanna TC Monitar 85 #3485; Snap-on Frontend Align Machine, wheel balancer, wheel bearing packer, HD battery charger, voltage & battery tester, Dayton 236/AC/DC Arc Welder (new); Mac. Parts Washer (new); Hoppy headlight adj. ball joint dial indicator; acetylene torches & gauges; Robin air gauges; hyd. trans. jack, 3T h.d. ind. hoist; trans. stand ball jt. comp. tool; univ. bearing & seal puller; bench grinder, h.d. floor stand; tire repair tools; hiboy stand; drill bit sharpener; ½" impact drivers, AUR meter; A/C vac. pump; digital therm; 2½T hyd. floor jacks; torch w/blue pt. gauges; BP hanging lights; tire troughs; tire rack & cart; bench vise; plus top quality hand tools; Parts & Access., Chilton Manuals, Office Equipment, Toro Riding Mower. This is only a partial listing. Please request detailed brochure; most all equipment is less than 5 yrs. old. This was a total auto repair shop.

TERMS - CASH OR ACCEPTABLE CHECK.

Sanford A. Alderfer, Inc.
Real Estate Brokers & Auctioneers
Box, 1 Harleysville, PA 215-723-1171
PA No. AU-001117-L

Public Auction Register

FRI. MAR. 21 - 7PM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

SAT. MAR. 22 - Farm Eq & Tools. Located W. of Lancaster, Rt. 30, Centerville Exit, S. to Columbia Ave., turn left first Rd. right on Kready Rd. Aaron J. Brubaker & Gary R. Bender, Owners. Paul E. Martin & John D. Stauffer, Aucts.

SAT. MAR. 22 - Lancaster Farm Toy Auction, Show & Sale: 9AM to 2PM. Auction Starts at 5PM. Located Lancaster Treadway Inn, Rt. 30 & Oregon Pk. (Rt. 272), Lancaster, PA. Wally Hooker, Auct.

GOOD'S AUCTION

111 N. Maple Ave. Leola, Pa.

Hay and Straw Sales Every Wed.

At 12:00 Noon

Business Hours: 7:30 to 5:30,
Closed Sat. & Sun.

AUCTION SALE

Trucks - Tractors - Planters
Implements

When you have four good farmers who are retiring or semi-retiring, and all of them have taken great care of their equipment, it is not just an auction its a

SUPER AUCTION

Robert Williams Farm, Pemberton Drive, Salisbury, Md.

SATURDAY, DECEMBER 28, 1985

Beginning at 11:00 A.M.

John Deere 6620 Turbo combine, 1980, 1000 hrs., Sn 406545, 23.1x26 tires, w/215 header w/tiger jaws, like new, you don't see them this clean very often. John Deere 443 corn header, 4 row 30". International 715 gas combine w/cab, w/4 row corn head and 13' bean head, John Deere 4040, cab, air AM/FM, 2005 hours, Quad range, dual remotes, 18.4x34 tires, extra nice, Sn005291R. John Deere 4230, 18.4x34 tires, Ropes cab, dual remotes, 3900 hours. John Deere 2940, 16.9x38 Firestone, dual remotes, Sn36794L-1980, 3200 hrs., excellent. John Deere 2840, only 1235 hrs., 18.4x34 tires, dual remotes, Sn 254977, ex. cond. John Deere 2640, 1900 hrs., 18.4x30 tires, good tractor. John Deere 3020, 3000 hrs., single remote, 16.9x34 tires, good tractor. John Deere 2440, 16.9x28 tires, power adjust wheels, only 962 hours, Sn 3182571, excellent condition. Massey Ferguson 135G, very good shape, low hours. Massey Ferguson 135G, 2700 hours, single remote, 13.6x28 tires, power adjust wheels, Sn9A-41173. John Deere 2030, only 2740 hours, totally rebuilt Spring 1985, new paint, excellent condition. 1974 International 1600, only 22,297 miles, 5x2 trans, w/16' metal body and grain rails, power steering, 9:00x20 tires, 345 engine, Md. inspected, excellent condition. Another 1974 International 1600 w/P.S., only 23,400 miles, 5x2 trans., w/16' metal body and grian rails, power steering, 9:00x20 tires, 345 engine, Md. inspected, excellent condition. 1971 International Loadstar 1700, Dump w/17' body w/metal rails, 4x2 trans., Md. inspected, ex. condition. 1979 Ford F-350 pickup, ¾ ton w/4 speed, 351 engine, 7.50x16 tires, P.S., & P.B., Md. inspected. 1978 Chevrolet C-30 pickup, AU, PS, PB, 89,000 miles, MD.inspected. CMC Rainmaster Model SS-64-100, Sn 206376, V-8 Ford industrial gas engine, CMC pump 7" intake outlet on cart, automatic primer, Eng. Sn 9539-A30KR, engine type C4PB-6006-E, Eng. Option FS0-311. This unit has not been used a lot and is in excellent condition. John Deere 6 row 7000, maxi-merge planter w/reg. no-till coulter, insecticide and monitor, like new. John Deere 6 row planter w/J.D. 71 units. John Deere 7000 maxi-merge 6 row narrow planter w/monitor & insecticide, Good. John Deere 1240 plate planter w/fertilizer and insecticide. John Deere 494A planter w/fertilizer and insecticide. John Deere 2 row planter w/fertilizer. John Deere 8300, 18 spout drill, single disc openers. John Deere Model B drill, 16 spout, small seed attachment. John Blue sprayer, 400 gal. stainless steel tank w/40' booms. John Blue sprayer, 400 gal. aluminum tank, single piston pump. Agro-tec 500 gal. sprayer. JD 111 40 blade disc, 7½" space. Pittsburg disc 44 blade 7½" space w/16' board. JD sprayer w/200 gal. Hardee tank. 2 JD 400 new style rotary hoes, 6 row. International pull type manure spreader w/top beater. JD 8 ton wagon w/16' body, very good. 2 JD 145, 5x16 plow, semi-mt. 4 wheel wagon, ex. cond. Taylor-Way stine cultivator 4 row. AC 6x30" cultivator S tine. JD 6 row 30" cult. S tine Brillion S tine 6 row cultivator. Brillion 14' crowsfoot. M&W 18.4x34 duals 15.5x38 duals. 10' packer. 2 row cultivator. Brillion 16' cultipacker w/carrier wheels. JD pull type 5x16 plows. JD pull type 4x16 plows. JD 4x16 semi mt. plows. JD 164 2x16 plows. JD 3x16 plows. JD 2x14 plows. MF 3x16 plows. Brillion 12' chisel plow w/buster bar. Ferguson 9' 2 bar chisel plow JD 6 row 30" cultivator S tine w/rolling fenders. New Holland body Homemade ground level wagon. Cole 1 row bean planter. 3 pt. hitch wood saw. 12' lime spreader. 100 gal tank. Cucumber belt w/motor 14'6". 3 pt. hitch platform. 2 wheel grain wagon. 16' manure cultivator, no motor. PTO like new cement mixer. Hydraulic tilt cycle mower Clark sprayer for parts. Vicon spreader w/stainless steel throat.

Special terms: Good check on day of sale. Qualified buyers may purchase items and defer payment until after 5 days after January hold check payments are made. To qualify contact the auctioneer prior to the sale date.

Directions: From points West of Salisbury, Md., take US Rt. 50 to edge of Salisbury, turn right at 7-11 store on Md. Rt. 349 (Quantico Rd.), go 1 block, turn left on Pemberton Drive, go 2 miles to sale, just past Nitsdale Development. Signs will be posted.

Inspection December 26 and December 27 from 9:30 AM - 5 PM Equipment will be moved to sale location after Decmeber 20th For additional information contact the Auctioneer.

ROBERT WILLIAMS
A. FRANKLIN HOLLOWAY
B. FRANK ADKINS
RAYMOND HOLLOWAY
Owners

Pete Richardson Auction Sales
P.O. Box 51, Willards, Md. 21874
Phones: 546-2425 Office
742-6220 Home

ABSOLUTE AUCTION

220 ACRES
PERRY COUNTY WOODLAND
RACOON MOUNTAIN
RETREAT ACREAGE

SATURDAY, DEC. 28, 1985

AT 1:00 P.M.

Take Route 22/322 West to Millerstown Exit. Follow signs to Route 17 South. Go approx. 8 miles south on Rt. 17 to Dever Hollow Road. Turn left to property .2 mile on left. Auction signs are posted on road frontage side.

* 2,900 Ft. Road Frontage on Dever Hollow Road
* Excellent Hunting Recreational Area
* Standing Timber Sold with Ground
* Subdivision Possibilities-Low Taxes
* Owner Financing Available to Qualified Buyer, 5 Year 50 Percent @ 9% Fixed Rate.

TERMS: Absolute, sold to the highest bidder without any reserve. Deposit of $10,000.00 at time or Auction in Cash, Certified or Cashier. Check made payable to Kerry Pae Auctioneer. Balance due in 30 days at settlement. For information contact Auction Co. 717-236-3752.

Ordered Sold By
RACOON MOUNTAIN, INC.

KERRY PAE AUCTIONEERS
4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236-3752

AU 1367

DISPERSAL
AUCTION

SECHRIST SALES EQUIPMENT DISPERSAL

Trucks, Tractors,
Farming Implements, Tools

SATURDAY, JANUARY 4, 1986

At 10 A.M.

Having sold my livestock auction business and having no further use of the following equipment I will offer at public sale on the premises located approx. 5 miles south of Stewartstown, York Co., Pa. near New Park.

1974 Chevy C-65 w/5 sp 2 sp rear, 10:00x20 tires, 22 flt. Eby aluminum cattle body w/double deck, 2 roll-up doors, 1 owner, 85,000 miles in ex. condition; 1984 Ford F-350 4 sp 7:50x16 tires, 12 ft Eby aluminum body w/2 roll-up doors, 1 owner 15,000 miles, like new; 1976 Int #574 diesel tracstor w/16 9x28 tires, double wheel wts. fully hyd equipped, 1 owner 1300 hrs. w/2050 Series A loader w/manure fork, 60" material bucket & crane, 7 ft heavy duty rear scraper blade; Woods C-80 rotary pull type mower; Myers 8 ft snow plow w/mountings for Int. manure loader; David Bradley 14 ft flat bed wagon w/hoist; 7 Palco metal gates 8', 10', 14' & 16'; 2 Smidley hog feeders; 2 ton chain hoist; tractor & truck chains; log chains; load binders; corn-a-longs; 36" Rigid pipe wrench; power saw; drills; ext. cords; wrenches; hand tools; wheelbarrows; portable air compressor; electronic bug lite; gas space heater; lot of misc. hand tools & hardware too numerous to mention.

Please note: The Livestock auction is not closing. The new owner will continue the Hatfield Hog Buying Station and Livestock Market every Monday evening as usual.

I personally would like to take this opportunity to offer my sincere thanks and deepest gratitude to the many loyal & faithful customers, farmers, buyers & truckers who have supported this auction over the past 21 years. Best wishes to you all for a Blessed & Joyous Holiday Season

ROBERT L. SECHRIST,
Owner
Sechrist Sales Co
Livestock Auction
Not responsible for accidents

MR. AND MRS. WILLIAM H. WALLACE

FARM MACHINERY AUCTION

TUES., DEC. 31,

11:00 A.M.
ATLANTA (STEUBEN CO.)
NEW YORK

Sale to be held at the farm located on County Route 36, app. 2 miles southwest of Atlanta. Follow auction arrows from Rte. 21 between Wayland and N. Cohocton or from Rte. 415 between Wayland and Cohocton.

Having purchased the Mr. and Mrs. William H. Wallace farm, will sell the following line of machinery:

2 nice tractors: J.D. 4240 with Sound Guard cab, air and heat, 1450 hrs., Quad. range transmission; J.D. 4230, Canopy cover, 3300 hrs., Quad. range transmission; Set of 18.4-38 snap on duals; Sharp J.D. 7000 4-row planter with liquid fertilizer and bug boxes; Brillion like new 10 ft. sure stand seeder; Allied heavy duty 9 ft. front mount blade; J.D. F-145 5b. 16 in. plow; Oliver 16 in. 3b. 3 pt. plow; A.C. 14 ft. model KT-disk; I.H. 45 12½ ft. vibrashank with Midwest leveler; McConnell 20 ft. transport drag; Brillion 12 ft. cultipacker; Ford 3 pt. cultivators; Bear Cat flail chopper; N.H. 469 haybine; N.I. trailer mower; Fahr centipede tedder; N.I. wheel rake; A.C. 302 baler with kicker; 32 ft. skeleton elevator; 32 ft. hay-grain elevator; G.T. 6 in. transport auger; A.C. 60 in. short hopper blower; Killbros 300 gravity box on gear; 3 running gears; N.I. 217 spreader; N.H. 367 left hand barrel spreader; Ontario 15 hoe drill; 1947 I.H. KB-7 truck with 18 ft. body, tag axle, and twin cylinder Harsh hoist; wood trailer; Single cow trailer; 9x18 grain bin; Packard floor model drill press; J.D. pressure washer; Forney 180 amp. welder; Prior inspection and inquiries invited!

Terms: Cash or good check day of auction. I.D. required!

Owned by
JIM WALLACE
716-534-5945

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, NY 716-728-2520

SHORT NOTICE

Farm Equipment and Cattle Dispersal

FRIDAY, DECEMBER 27, 1985

at 10:00 A.M.

At the farm formerly owned by Arlen Miller near Avilton, Md. Approximately 7 mi. west of Frostburg, Md. on Interstate 48 take Exit 24, Lower New Germany Road, 5 mi. south to Pea Ridge Road and follow signs.

53 Holstein Dairy Cows, 14 heifers: TB and Bangs tested for Interstate. Pregnancy checked.

IH 966 diesel tractor; IH 966 diesel tractor w/cab; IH 674 diesel tractor w/hilift; JD F145 5 bottom plow; JD A2500 5 bottom plow; 12 ft. Brillion cultimulcher; Brillion seeder; IH 56 corn planter, 4 row; AC 13 disc grain drill; IH 9 ft. haybine 9900MC; NH 38 flail chopper; NH mower, 255; Roto bush hog; Gehl CB1000 forage harvester, grass and corn heads; NH 58 baler w/thrower; NH 353 grinder mixer w/scales; Gehl FB99 blower; IH 540 manure spreader; Badger BN 184 manure pump; JD 125 skid steer loader; (2) Lamco hay wagons; Fox self-unloading wagon (tandem); (2) McCurdy 275 gravity boxes; Pequea tedder; NH 258 rake; 40' Little Giant elevator; 16' and 40' Jamesway conveyors; big bale loader; 300 gal. Century sprayer; Rotaste 404 cyclone fertilizer spreader; NH lime spreader; 25 KW Fidelity generator; preservative applicator; IH self-unloading forage wagon; (3) sets tractor chains; 24' of 2" Delaval pipeline; 12 Badger lever stalls; set 18.4x38 duals; Vigortone protein mixer; Flex auger, 50 ft. No small items.

Terms: Cash

Lunch Available
Not responsible for accidents

Owners:
LaVERNE AND JUDY KEECH
Rt. 1, Box 66
Lonaconing, Md.
(301) 689-3207

Auctioneers:
Clark A. Yoder AU-001048-L
Salisbury, Pa. (814) 662-2901
Robert Custer
Oakland, Md. (301) 334-1443

PUBLIC AUCTION

OF FARM EQUIPMENT & TRUCKS

SATURDAY, DEC. 28, 1985

AT 10:00 A.M.

Located along Covered Bridge Rd., between Yellow House and Pleasantville, Oley Twp., Berks Co., Pa.

Trucks

'74 Brockway TractorConv. w/sleeper, tandem axle, wet line, 350 Cummins (good 22" rubber, 13 spd. R.R. Trans. & 4.11 Rear); Gilmore 28' Alum. Dump Trailer, 10-22" radials; 1968 Int. 1800 Twin Screw Gas w/16' Grain Dump, 5x3 spd. trans., 48,000 g.v.w.; 1963 Int. 1890 Gas w/16' Knapheid Grain Dump, 5 spd. w/2 spd. rear, 33,000 g.v.w.; 1968 Chev. 80 Series Gas w/16' Grain Dump, 5 spd. w/2 spd. rear, 33,000 g.v.w.; NOTE: All trucks have 10:20 tires and good metal bodies. 4 Truck Tarps; 1968 Chev. 80 Series 10' Dump Farm Truck, 10:20 tires, comp. wet line for truck tractor (pump tank hose & controls); 1982 GM Pickup Truck, 15 Sierra Classic, Air.; Wood extention cattle racks for 14' Midwest Truck Body. NOTE: NOTARY WILL BE PRESENT AT SALE.

Tractors

I.H. 1066 Diesel Cab & Heater T.A. Weights, 20.8-38 Tires, 2400 Hrs.; I H. #806 Diesel WF. FH Weights T.A.; I.H. 656 Diesel Hydro W.F., 3 pt. w/2000 Loader; I.H. 504 Utility Gas w/Fast Reverse & 2000 Loader F.H. w/F.H. Scraper Blade; 1020 J.D. Hi-Utility, Diesel Hi, Low Shift & Diff. Lock, 3 Pt.

Equipment

I.H. 1460 AXIL Flow Combine Hydro 30.5x32 Tires, A.C. Auto. Header Control, #863 Corn Head w/6-30" Rows & #810 15' Grain Head w/Grain Loss Monitor (850 hrs.); I.H. #400 Cyclo Corn Planter w/monitor, 6 - 30" Rows w/rear fert. auger; I.H. #1250 PTO Grinder Mixer; I.H. 3 pt. 7' Mower #1300; I.H. #50 Flail Chopper; I.H. #55 Chisel Plow, 13 teeth; I.H. #700 Auto. Reset 5 - 16 Bot.; M.F. 3 pt. Plow 2 - 14" Bott.; N.H. #280 Baler w/bale thrower; N.H. #461 Haybine; N.H. #56 hayrake; 3 - N.H. 16' Wagons w/Bale Thrower Sides; 3 - N.H. 16' Flat Wagons (one w/grain sides); N.H. 36' Bale Elevator w/corn chutes; Myers Snow Plow for Tractor; John Blue 300 Gal. Sprayer stainless Steel Tank & Boom; Vicon 3 pt. 5 Wheel Rake; J.D. Disc BWF 13'6" Transport; J.D. Roller Harrow F950-12'; N.I. #214 PTO 3 Beater Spreader; 1 Row Fert. Attach. for 130 or Super A Farmall; I.H. 12½ KW 2 pt. PTO Generator; Elec. Motors - 10HP & 7½ HP 3 Phase and 7½ HP, 5HP, 3HP, & 2HP Single Phase; Willmar 5 Ton Tandem Fert. Spreader, Stainless Hopper; 52' Mayrath Elec. Motor, 8" Transport Auger; 34' Mayrath Elec. Motor, Auger, 6" Transport; 20' Mayrath 8" Auger; 50' Mayrath 8" Auger; 3 Pt. Round Bale Carrier; 3 - 1500 Fert. Tanks (snyder); SNOWMOBILES - Articat panther, like new; Skido; EZ Snowmobile Trailer. Rupp Model 80 Motorcycle; Model 919 MOTOMCO Grain Moisture Tester; Grain Probes; Seedburo Gram Scale; 10'x 10' Frame Office Building; 3 - 12'x 12' Frame Storage Sheds; 10 Smidley Hog Self-feeders, 1 - 16 hole, 7 - 12 hole, 2 - 8 hole; 5 Pride of Farm (double) Elec. heated Hog Water Bowls; Portable Cattle Loading Chute; 800 Gal. Water Tank on 2 Wheel Trailer; 24' Metal Calf Panel, Gates, Runway Mats; New & Used Lumber, Roofing & Spouting; 2 Overhead Garage Doors - 16' wide x 14' high and 14' wide x 12' high; 2 - Oil Fired Hot Air Heaters; 2 - 1000 Gal. Gas Tanks w/elec. pump; 2 - 300 Gal. Gas Tanks w/elec. pump; 3 - 275 Gal. Fuel Tanks; Truck Tires & Rims, 22" & 20"; Log Chains; Truck Chains; Tractor Chains; Rope & Pulleys; 300 pcs. Redwood Picket Fence Pails; Old House Shutters; 2 Old Hand Water Pumps; 5 Grain Cradles; 3 - 2 Horse Plows; New Hay Hooks; Montgomery Pulltype 6' Gang Mower; I.H. 149 CUB CADET LAWN TRACTOR, Hydrostatic w/50" Rotary Mower; 3 HP & 1½ HP Air Compressors; 180 Amp Lincoln Welder; Floor Model Drill Press; -Acetylene Welder; Pipe Cutter & Threader; Work Bench & Vise; All Kinds of New & Used Parts; Air Tools; All Kinds of Wrenches, Socket Sets, Hand Tools, and Power Tools; Truck Changing Equipment; Anvil; 2 Remington Chain Saws; Wood Extension Ladders; MANY MISCELLANEOUS ITEMS NOT MENTIONED.

ORDER OF SALE: Small Items & Tools, Farm Equipment, Tractors, Trucks.

Terms By:
DAN & MILDRED MAST
(215-689-5623)

Alvin Horning, Auctioneer
#AU-000433-L
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

LUNCH AVAILABLE

JOHNSON BROS.

AUCTION CO.

FARM & INDUSTRIAL EQUIP.

CONSIGNMENT AUCTION

45 mi. West of Columbus, O. on U.S. Rt. 36 just of East of Fletcher, O. AUCTIONS LAST WED. OF EVERY MONTH, except for on DEC. 27, 1985.

100-150 Tractors, 1500 pieces of new & used equipment. We accept consignments 5½ days a week.

For more information call Home Office; WVA. Johnson Farm Equip. 304-547-0740, 304-547-0737, or in Fletcher, Oh, 513-368-2246.

SPECIAL CONSIGNMENT HORSE SALE

SATURDAY, DEC. 28, 1985

Horses 11:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

Loads of Draft Horses
Loads of Sharp Standardbred Driving Horses

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA

Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auction
Terms: Cash Trucking Available Restaurant Open

Merry Christmas and a Happy New Year to all.

Thank you for making 1985 a pleasant year. A special thank you to our Clients.

...we would that ye prosper and be in good health even as your soul prospereth.
III John 2

Steve and Anna Petersheim

John Naomi
Steve Jr. Ruth
Sam Orpha

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

MON. MAR. 24 - Farm Eq. Located North Groffdale Rd., Loela, PA. M.M. Weaver & Son Owners. Paul E. Martin & John D. Stauffer, Aucts

MON. MAR. 24 - Farm Eq. & 3 Tractors. Ronald M. Carper, R1, Manheim, PA.

Along Landisville Rd., just W. of Rt. 72 in E Petersburg on Graystone Rd. to Landisvally, PA. Wolgemuth Auction Service.

SAT. MAR. 29 - Full line of Farm Mach. Pine Grove, Schuylkill Co., PA. Paul Martin, Owner. Steve & Steve, Jr., Petersheim, Aucts.

MAY

MON. MAY 26 - Antique Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B Rentzel, Aucts.

PUBLIC AUCTION

FARM EQUIPMENT TOOLS - HOUSEHOLD GOODS

WEDNESDAY, JANUARY 1, 1986

Auction Time: 9:00 A M.

Directions: From Ephrata take Route 322 East through Hinkletown. Approx. 2 miles beyond Hinkletown turn left on Martin Drive ½ mile to farm on left. Lancaster County, PA

1979 MASSEY FERGUSON 760
Hydro Diesel Combine with Monitor, Gray Cab; M.F. 1163 Six Row Corn Head; M.F. 15' Automatic Floating Cutter Bar and Transport Wagon.

JOHN DEERE 5020 DIESEL with 18.4x38 Duals; J.D. 3020 DIESEL Power Shift, Side Console; 3 J.D. B TRACTORS with Cultivators, one on steel; FIAT ALLIS INDUSTRIAL PAYLOADER Model T-L10; 2 Single Man Tobacco Hoers with engines; J.D. Heavy Duty Quick Coupler; J.D. Front End Weights & Cylinders.

McKee #920 Nine Ft. Double Auger Snowblower

M.F. 880 6x16 Automatic Reset Plow

on Land Hitch, like new; Oliver 252 18' Wing Disc; J.D. F10 Three Bottom, 3 Point Plow; J.D. 2x14 Trailer Plow; J.D. 12' Cultimulcher; J.D. 10' Cultipacker; 18' Wing Rotary Hoe; J.D. 1250 6 Row & 1240 4 Row PLATELESS CORN PLANTERS; N.H. SUPER 676 TANDEM AXLE SPREADER, good condition; Farm Hand Tandem Spreader; 2 Zimmerman Spreaders; N.H. 489 HAYBINE; N.H. 250 HAY RAKE; KUHN TEDDER; Farm Hand Wheel Rake; N.H. 280 Hay Baler; King Wise 34' Elevator with motor; Skeleton Elevator; NEW IDEA & DION Forage Wagons; MASSEY FERGUSON 260 HARVESTER with 3 Row CORN HEAD, Hay Pickup Head & Electric Controls; Fox Hopper Blower; J.D. #65 Hopper Blower; 4 Flat Bed Wagons; Trailer; Grain Wagon with Auger;

Large P.T.O. Grain Crimper on Transport; J.D. #43 Corn Sheller; J.D. 3 Pt. Blade; N.I. Loader for John Deere; J.D. 16-A Chopper; Double Tob. Ladders; Water Tank; Fuel Tank; HERSHEY Tobacco Planter; P.T.O. Propeller; 6"x16' Transport Auger; 4 Bale Boxes; Platform Scales; 18.4x38 TRACTOR CHAINS; Air Compressor; Silo Pipe; Electric Drill Press; many Tools; Lumber; many Misc. Parts, including J.D. B, M.H. 44, etc.

Majestic Coal Range

Chest Freezer; New Home Sewing Machine; Dishwasher; Refrigerator; Stove; Coin Operated Washer & Dryer; Bureaus; Chests of Drawers; Bed; Wardrobe; Rocker & Chair; Sofa; plus Misc. Housewares.

TERMS: All out-of-state buyers paying by check must have a Bank Letter of Credit addressed to this specific auction.

Order of Auction: Farm Tools & Supplies; H.H. Goods; Large Farm Equipment at approx. 1:00 P.M.

Terms by
DAVID L. & EDNA Z. WEILER
717-354-7063

Auction Conducted By
J & P Auctions
Paul E. Martin, Auct.
AU-001601-L
Ephrata, PA
717-733-3511
John D. Stauffer, Auct.
AU-001509-L
Lititz, PA 717-665-5099

Food At Auction

Dairy and Livestock Sales

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

APRIL

FRI. APR 4 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

TUES. APR. 8 - 7PM Feeder Pig Show & Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI. APR. 11 - 7PM Horse Sale New Holland Sales Stables, Inc., New Holland, PA.

SAT. APR. 12 - 9AM C.H. Wolgemuth & Sons Annual All Day Consignment Sale. Four mls. W. of Manheim, along Valley Rd., 10 minutes from Rt. 283 at Manheim/Mt. Joy Exit. Lanc. Co., PA.

WED. APR. 23 - All Kinds of Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B. Rentzel, Aucts.

FRI. APR. 25 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

DEALER IN ALL KINDS OF LIVESTOCK

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MARLIN S. IRWIN
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PH: 717-786-3016

SHORT NOTICE SALE

FRIDAY, DECEMBER 27, 1985
1 P.M.

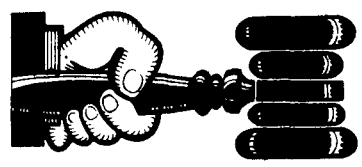
At Green Dragon Livestock Sales, 1 mile North of Ephrata on State Street.

One herd consisting of 50 head from Roy Knopp Estate in all stages of production. Some very good cows in this herd including some purebreds. Pregnancy check and health charts furnished.

For more information, call

Walter Risser, Proprietor
717-733-2444
717-838-4318

PIGS
STATE GRADED SALE
FRI.
DEC. 27
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK AUCTION
Westminster, Md.
Phone (301)848-9820



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

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Join Us In Welcoming '86

NEW YEAR'S SPECIAL-STOP-LOOK-THINK

RAMPANT FARM COMPLETE REG. MILKING HERD AND BRED HEIFER DISPERSAL

FRIDAY, JANUARY 3-12:NOON

Reg -Rocklyn-Sire-GP 82 Selling Rockman due JAN potential for Ex
2 yrs. 6m 305d 16,709m 624F
Daugh selling-Sire-Pawnee Farm Arlinda Chief-Due May
DAM-Round Oak Rag Apple Elevation-85 VVV
Lifetime-120,780m 4 1% 4,950F

Reg -Deb-Sire-Round Oak Rag Apple Elevation-Due JAN
1-11 289 15,450m
2-10 305 15,660m
DAM-Foxlease Explosion
2- 8 305 15,950m
3-11 305 20,960m

Reg.-Charm-MT Glen Chimes Chaz-2 yr -5m Due JAN
Dam-Pawnee Farm Arlinda Chief
305 16,326m.

Reg -Hilda-Sire-Woodbine Pearl Comet-due JAN
4 9% lifetime
Daugh. Rus-La-Mar Cherokee E T Due July
DAM-Sire-Chapel Bank Apache
4- 9 305 16,930
5-10 305 17,890
6-10 305 18,540

More Details Next Issue

Reg -Glory-Sire Vincent View Molly Chief-Due Dec
3-8 16,215 4 3% 736F
DAM-Dunwood Rising Star E T
4-1 287 20,120 4 1 826
5-0 305 20,740 4 1 841
6-1 289 20,920 4 0 828

Reg -Heifer Royal-Sire-Pennstate Ivanhoe Star-Due May
DAM-Sire-Vincent View Molly Chief
5-2 305 4 3%
6-2 305 17,650 4 0% 709F
7-2 288 15,800 4 2% 658F
8-3 305 20,490 4 0% 822F
Lifetime-116,968 4.2% 4874F

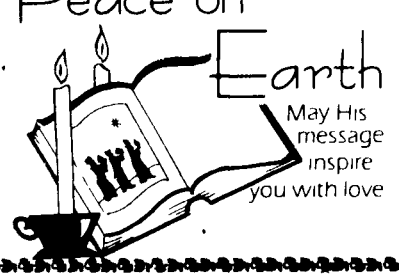
Reg -Heifer-Star-Sire-Chapel Bank Apache
DAM-G P 83-4-6 305 16,601m

Reg -Heifer-Kate-Sire-CAL-Clark Board Chairman
Dam V G 86-4-6 305 21,300m. 3 7% 804F

Reg -Titan Bird-Sire-Pack Herd Star Bright-Just Fresh
DAM-Marlu Titan.
6-6 305 17,820 4 0 714
7-7 281 19,900 4 2 832

Reg -Glow-Sire Glendell Arlinda Chief G P 80 Just Fresh
2-5 305 4 4% 492
DAM-Round OAK Rag Apple Elevation

Reg -Minnie-Sire-Glendell Arlinda Chief
2-4 305d 4 2%
DAM-Glen Valley Star



MERRY CHRISTMAS AND A HAPPY NEW YEAR

Thanking you and hoping that you and yours will know the beauty that is Christmas. Long after the holiday season has gone...just keep it in your heart and it will never depart.

Gordon & Helen Fritz

Managed by
SMOKETOWN QUALITY DAIRY SALES CO.
Gordon & Helen Fritz
717-393-0930

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WOODSBORO, MD

125 HD. FRESH COWS PUREBREDS AND GRADES
250 Big Fancy Grade & Purebred Springers
20 500 lb. Open Heifers
30 Shortbred Heifers
Purebred Service Age Bulls with good records

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We would like to thank all our customers for your patronage & friendship in 1985. May you & your families be blessed with a HEALTHY & HAPPY NEW YEAR

NEXT WOODSBORO, MD SALE
Thursday, January 16, 1986
11:00 A.M.

150 HEAD

NEXT LANCASTER, PA SALE
Thursday, January 2, 1986
11:00 A.M.

SPECIAL HERD DISPERSAL
(See Next Week's Ad For Details)
50 HEAD

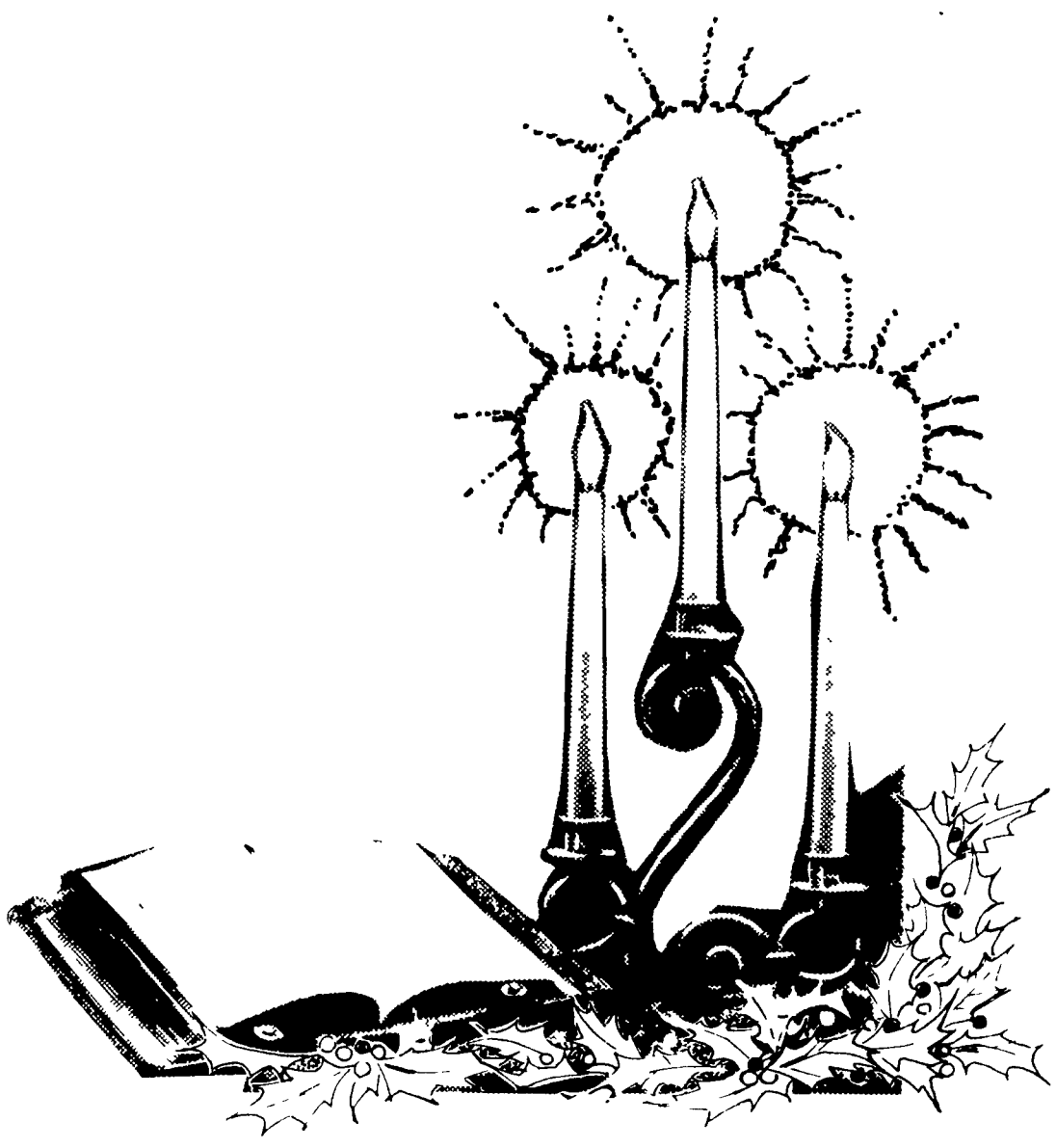
And For Our Salvation

He Came Down From Heaven

By The Power of the Holy Spirit

He was Born of the Virgin Mary

And He Became Man



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